DOCUMENT RESUME

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AUTHOR Wells, William J.
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ABSTRACT

The flowcharts and computer programs prepared for use in conjunction with the Procedures Manual for the Student Accountability Model (see JC 740 394) are presented. The programs provide an illustration of how one district applied the flowchart to its own hardware capabilities. The flowcharts are: Assign Course Priority, Assign Student Major, Assign Course Majors, Non-continuing Students, and Unduplicated Counts. The programs are: Student Count by Priority, Semester, and Unduplicated Counts, Year. The hardware requirements and a card layout form are provided. (DB)

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STUDENT ACCOUNTABILITY MODEL

FLOWCHARTS AND PROGRAMS

Vocational Education, Part C
Project #19-34741-C3-235

Prepared

by

William J. Wells
Systems Analyst
Los Rios Community College District

Chancellor's Office
California Community Colleges
William Morris, Evaluation Specialist

Ben K. Gold, Director of Research
Los Angeles City College
Project Coordinator

August, 1974

JC 740 395

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P R E F A C E

The flowcharts and programs that follow were prepared to be used in conjunction with the Procedures Manual for Project S.A.M., published separately.

It is not anticipated that the detailed programs will be directly usable in the form presented by most districts. It is anticipated however that the flowcharts will be of use. The detailed programs are included as an illustration of how one district applied the flowchart to its own hardware capabilities.

Credit for this work should go to Leo Day, Director of Data Processing for the Los Rios District and a member of the project consortium, for assuming responsibility for the effort and to Bill Wells of his staff for producing the details.

BKG

STUDENT ACCOUNTING MODEL

--HARDWARE REQUIREMENTS--

If the program is developed using the attached flowcharts, the minimum hardware capabilities required are as follows:

(1) 2 sequential files, each capable of containing the college's entire Student Master File for all currently-enrolled students. The attached program utilizes magnetic tape files.

(2) Sufficient random-access memory (core storage, disk, drum, etc.) to contain all course codes, priority codes, major codes, and broad area codes for all occupational courses offered by the college. The attached program reserves 19 core storage locations for each occupational course and allows for a maximum of 500 occupational courses.

(3) Normal Input/Output capability is required - card reader and printer.

IBM

INTERNATIONAL BUSINESS MACHINES CORPORATION

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MULTIPLE-CARD LAYOUT FORM

Company

Application PROJECT SAM by WILLIAM J. WELLS Date 03/01/74 Rev. 05/11/74 Job No. GW299.01 Sheet No. 1 of 1

CONTROL-CARD

CAMPUS	SEMESTER	YEAR
9	99	99

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

COURSE - PRIORITY-CARD

COURSE CODE	PRIORITY	MAJOR (LOCAL COLLEGE)	C.I.D. No.	U.S.O.E. No.
9999	9	999	9999	999999

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

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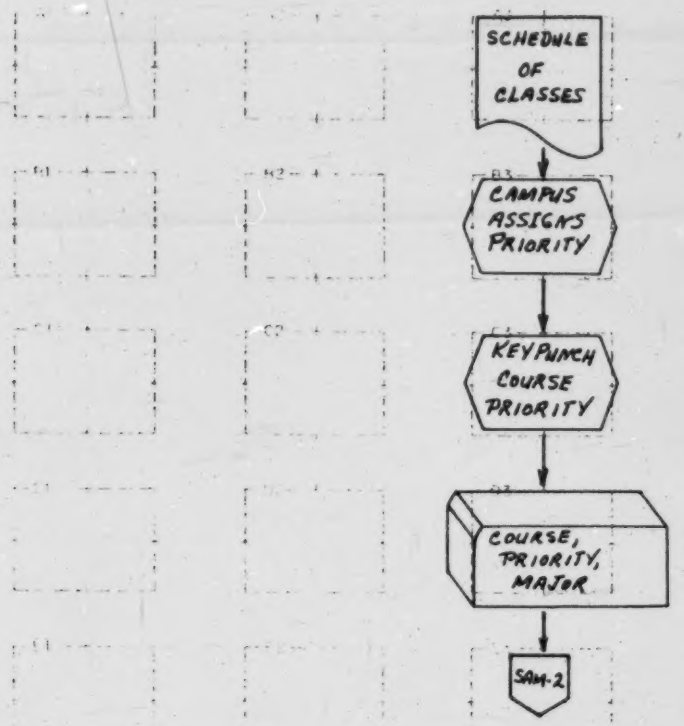
IBM Flowcharting Worksheet

Programmer: WILLIAM J. WELLS Program No.: Date: 01/28/74 Page: 1

Chart ID: SAM-1 Chart Name: ASSIGN COURSE PRIORITY Program Name:



STUDENT ACCOUNTING MODEL
CHART SAM-1

Using a college catalog of classes or a computer listing of all classes offered by a school, the campus administrator (usually the dean of vocational education) will prioritize those courses which are determined to be occupational in nature. This annotated listing is then keypunched - one computer readable record (card, etc.) for each course - containing course code, priority, local college major code, CID and USOE number. This table of vocational courses & priority are then used as input to the program which examines the students schedule and assigns priority & major dependent upon that schedule.

NOTE: All courses with priorities of A thru D are input. All other courses are not input and are considered to be priority E.

IBM Flowcharting Worksheet

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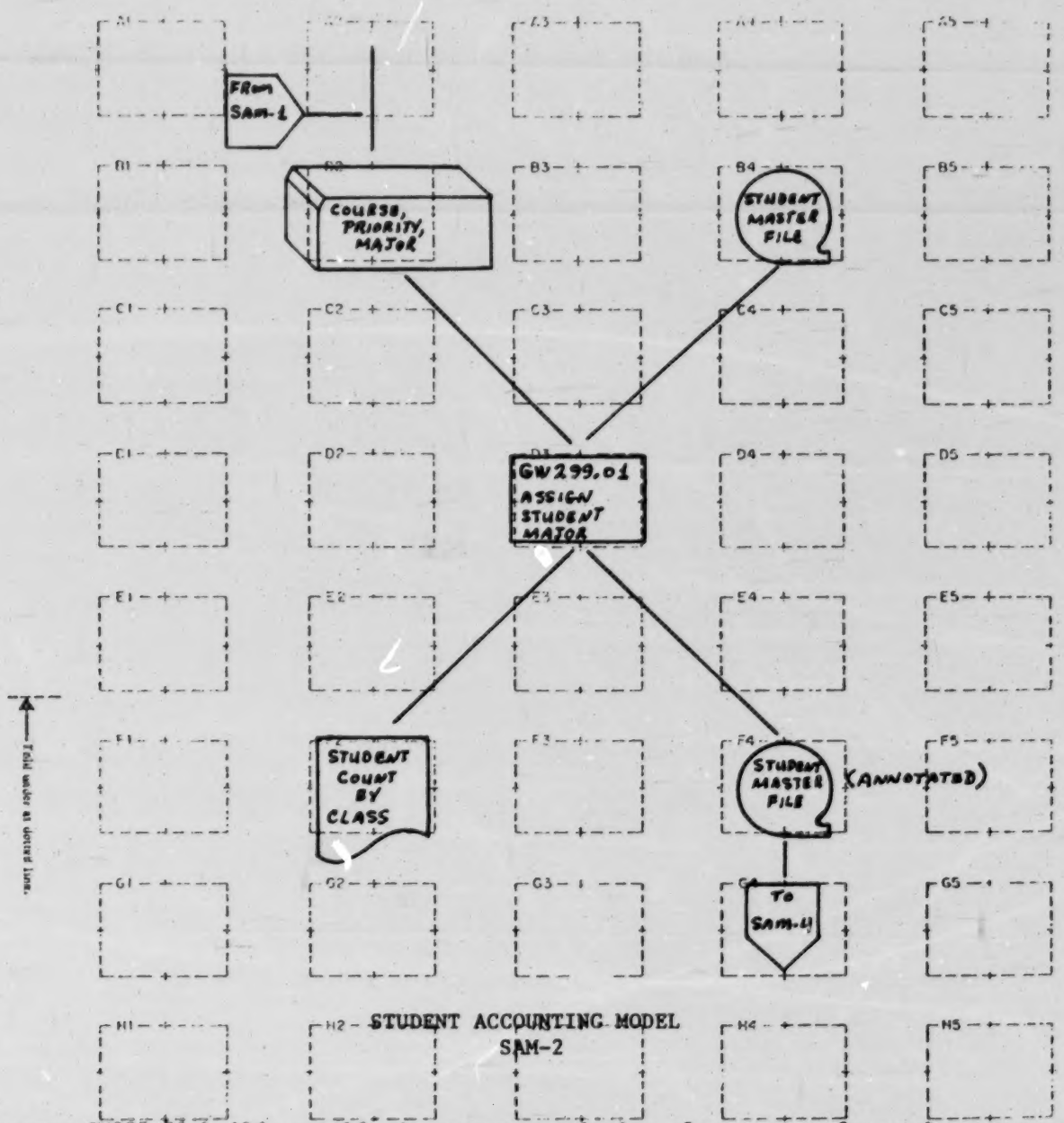
Programmer: WILLIAM J. WELLS Program No.: GW299.01 Date: 01/28/70 Page: 2

Chart ID: SAM-2 Chart Name: COURSE-ASSIGNED MAJORS Program Name: ASSIGN STUDENT MAJOR



STUDENT ACCOUNTING MODEL
SAM-2

Program GW299.01 builds a table in memory consisting of one entry for each course code. Each entry contains the priority code for that course, the local college major code, the CID number and the USOE number. The student master file (census week) is read and the student's class schedule is matched against the table of course priority codes. Output consists of an annotated student master file record containing the highest priority (and related major codes) in which the student is enrolled. A report containing totals by Class I, II, III, IV as defined in the Student Accounting Model, is also produced. The annotated master file is produced for both Fall and Spring Semesters. Both are then input to Program GW299.02 as outlined in Chart SAM-4.

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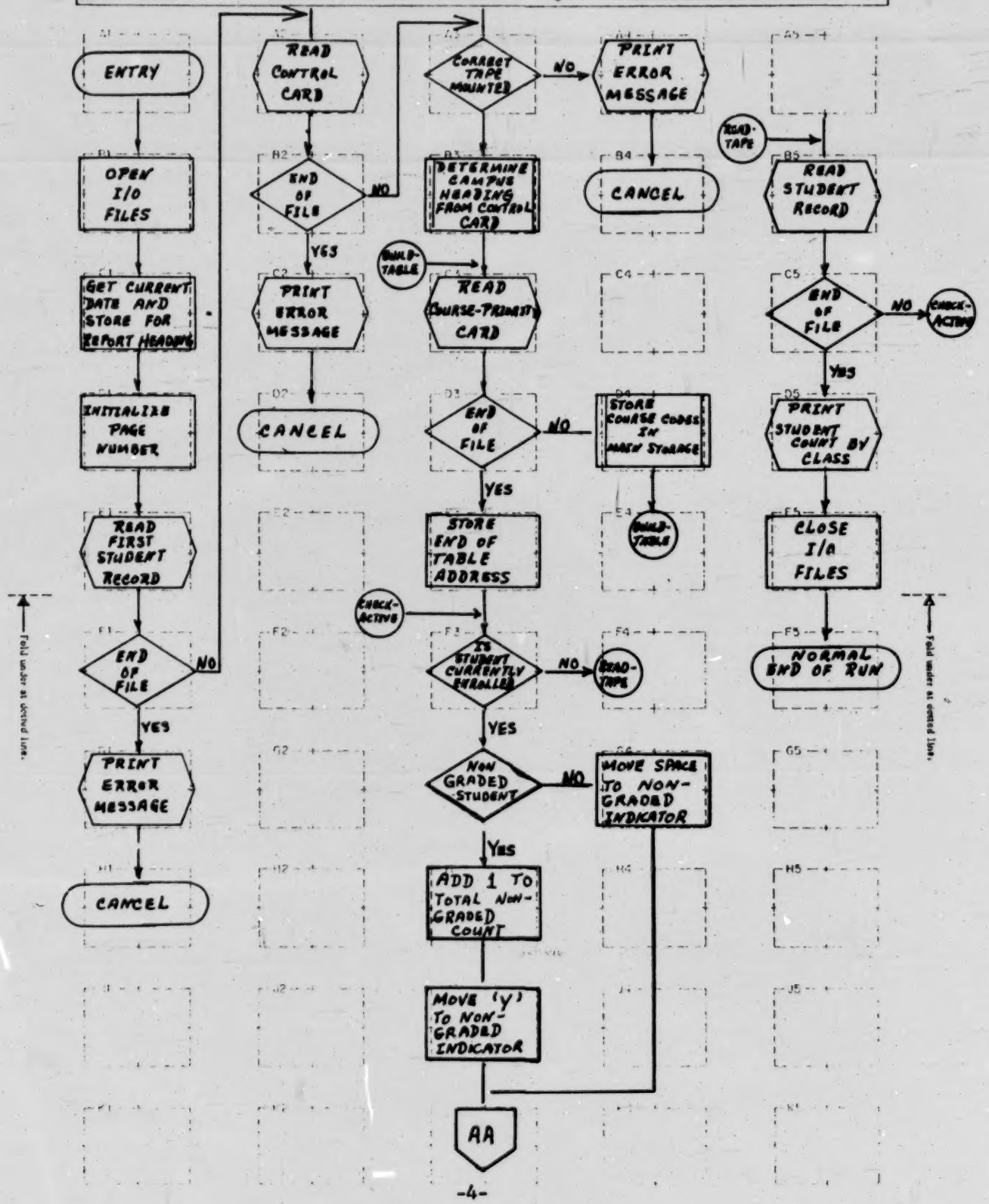
IBM Flowcharting Worksheet

Programmer: WILLIAM J. WELLS Program No.: GW299.01 Date: 03/07/74 Page: 1

Chart ID: SAM-3 Chart Name: Program Name: ASSIGN COURSE MAJORS



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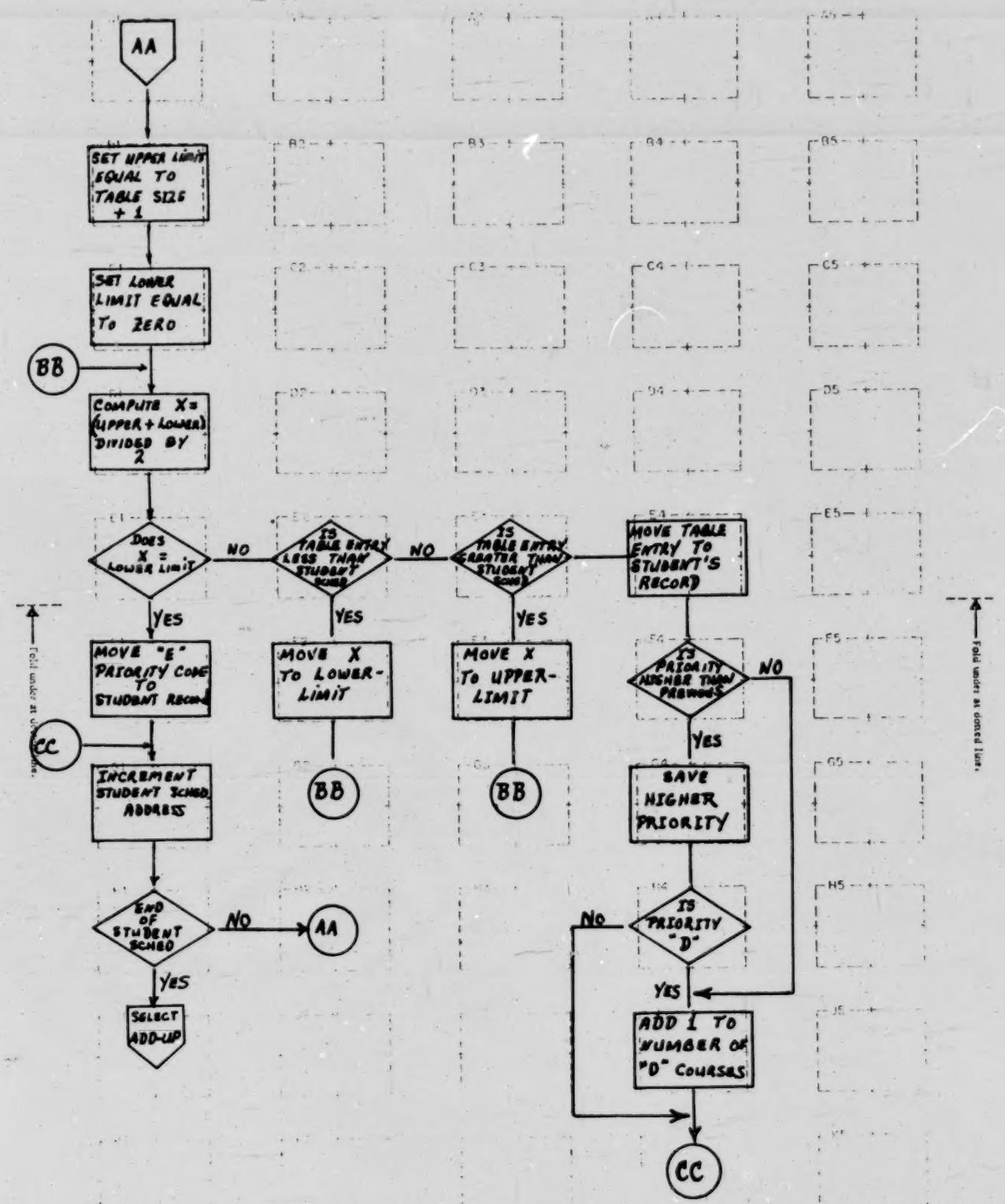
IBM Flowcharting Worksheet

Programmer: WILLIAM J. WELLS Program No.: GW299.01 Date: Page: 2

Chart ID: SAM 3 Chart Name: Program Name:



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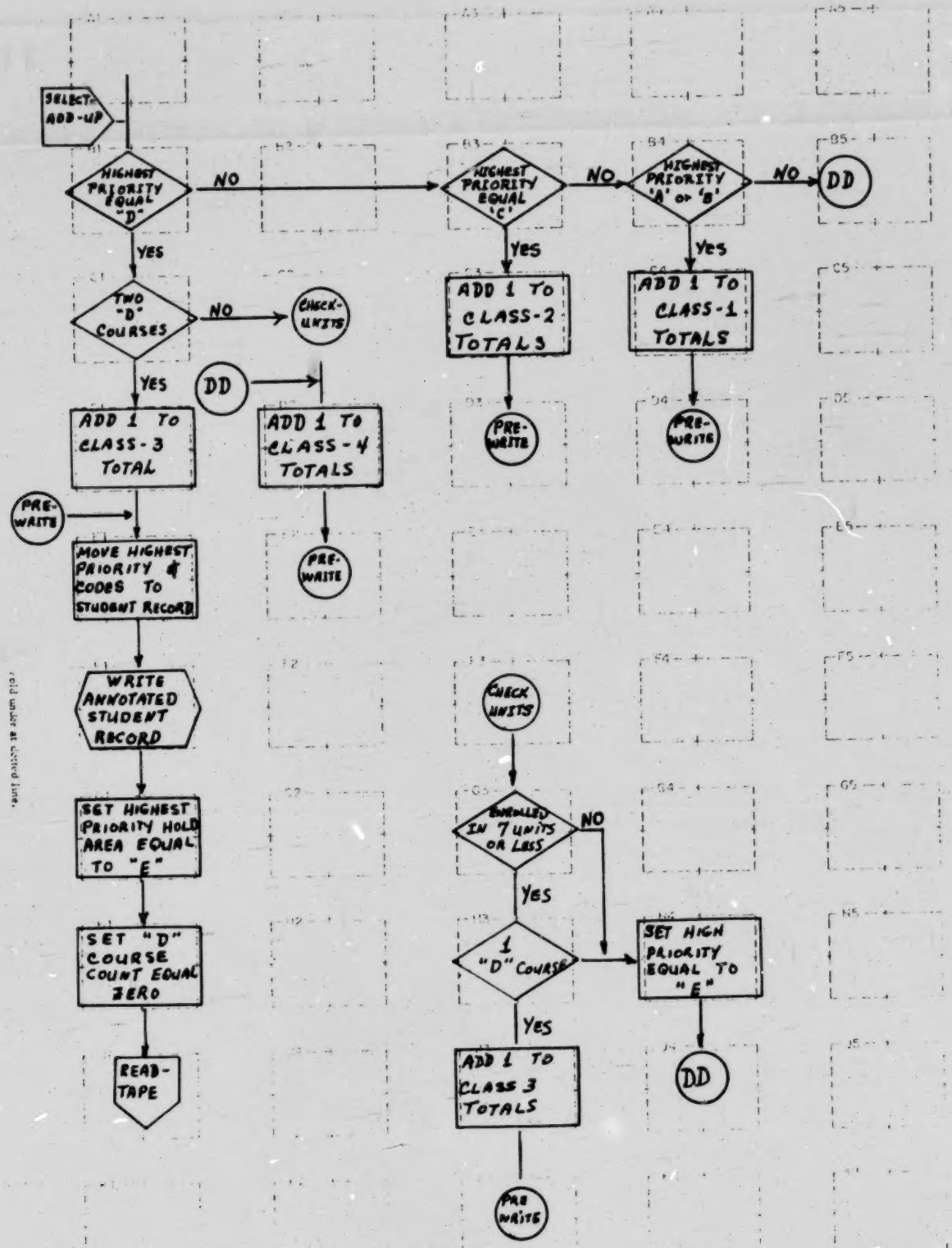
IBM Flowcharting Worksheet

Programmer: WILLIAM J. WELLS Program No.: GW299.01 Date: Page: 3

Chart ID: SAM-3 Chart Name: Program Name:



```
    1  001010 IDENTIFICATION DIVISION.
    2  001020 PROGRAM-ID. 'GW29901'.
    3  001030 AUTHOR.     WILLIAM J. WELLS.
    4  001040 INSTALLATION.   LOS RIOS COMMUNITY COLLEGE DISTRICT
    5  001050                 2011 ARDEN WAY
    6  001060                 SACRAMENTO, CA 95825. PHONE (916) 484-8155.
    7  001061 REMARKS.    * * * * * * * * * * * * * * * * * * * * * * * * * * *
    8  001062             *                                                     *
    9  001063             *                                                     *
   10  001064             *              P R O J E C T   S A M                  *
   11  001065             *                                                     *
   12  001066             *                                                     *
   13  001067             * * * * * * * * * * * * * * * * * * * * * * * * * * *
   14  001070             THIS PROGRAM IS PHASE 1 OF THE STUDENT ACCOUNTING
   15  001071             MODEL PROJECT (SAM) AND WAS WRITTEN FOR TWO MAJOR
   16  001072             PURPOSES -
   17  001090             (1) TO ASSIGN SAM PRIORITY CODES TO A STUDENT'S
   18  001100                 ACADEMIC RECORD BASED UPON HIS CURRENT CLASS
   19  001110                 SCHEDULE
   20  001130             (2) TO ACCUMULATE STUDENT COUNTS BY SAM PRIORITY
   21  001140                 CODES, AND STUDENT COUNTS BY OCCUPATIONAL CLASS.
   22  001142                 PRIORITY CODES A + B = CLASS 1
   23  001144                 PRIORITY CODE C     =   CLASS 2
   24  001146                 PRIORITY CODE D     =   CLASS 3
   25  001148                 PRIORITY CODE E     =   CLASS 4
   26  001150             INPUT CONSISTS OF TWO FILES -
   27  001160             (A) CARD FILE CONTAINING FOUR DIGIT COURSE CODE,
   28  001170                 ONE CHARACTER SAM PRIORITY CODE, FOUR DIGIT
   29  001180                 MAJOR CODE AS DESCRIBED BY CLASSIFICATION OF
   30  001190                 INSTRUCTIONAL DISCIPLINE (CID), CORRESPONDING
   31  001200                 U.S.O.E. CODE FOR 'BROAD AREA'MAJOR. COURSES
   32  001210                 LABELED AS PRIORITY 'A' OR 'B' CONTAIN THE
   33  001220                 LOS RIOS MAJOR CODE (FOUR DIGITS) IN ADDITION
   34  001230                 TO THE PRECEDING CODES. THERE IS ONE CARD FOR
   35  001240                 EACH COURSE DESIGNATED AS VEA-QUALIFYING.
   36  002010             (B) STUDENT MASTER FILE AS OF CENSUS DATE
   37  002020             *
   38  002030             OUTPUT CONSISTS OF TWO FILES -
   39  002040             (A) AN UPDATED STUDENT MASTER FILE CONTAINING THE
   40  002050                 HIGHEST SAM PRIORITY CODE AS DETERMINED BY THE
   41  002060                 STUDENT'S CLASS SCHEDULE AND THE CORRESPONDING
   42  002070                 MAJOR CODES FOR THAT PRIORITY.
   43  002090             (B) A REPORT CONTAINING STUDENT COUNTS BY PRIORITY
   44  002091                 AND BY OCCUPATIONAL CLASS.
   45  002100             *
   46  002110             DETAILED PROGRAM LOGIC USED TO DETERMINE SAM
   47  002120             PRIORITY CODE FOR EACH STUDENT MAY BE FOUND IN
   48  002130             LOGIC CHART SAM-3.
   49  002140 DATE-WRITTEN.          FEBRUARY 5, 1974.
   50  002150 DATE-COMPILED.         FEBRUARY 5, 1974.
   51  002160 ENVIRONMENT DIVISION.
   52  002170 CONFIGURATION SECTION.
   53  002180 SOURCE-COMPUTER.       IBM-360 F30.
   54  002190 OBJECT-COMPUTER.       IBM-360 F30.
```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   55   002200 INPUT-OUTPUT SECTION.
   56   003010 FILE-CONTROL.
   57   003020     SELECT CARD-READER ASSIGN TO 'SYS007' UNIT-RECORD 1442R.
   58   003030     SELECT PRINTER     ASSIGN TO 'SYS009' UNIT-RECORD 1403.
   59   003040     SELECT OLD-MASTER  ASSIGN TO 'SYS013' UTILITY 2400.
   60   003050     SELECT NEW-MASTER  ASSIGN TO 'SYS011' UTILITY 2400.
   61   003060 DATA DIVISION.
   62   003065 FILE SECTION.
   63   003070 FD CARD-READER
   64   003080     LABEL RECORDS ARE OMITTED
   65   003090     RECORDING MODE IS F
   66   003100     DATA RECORDS ARE CONTROL-CARD. COURSE-PRIORITY-CARD.
   67   003110 01 CONTROL-CARD.
   68   003120     03 CAMPUS-CODE PICTURE X.
   69   003130      88 ARC VALUE 'A'.
   70   003140      88 CRC VALUE 'C'.
   71   003150      88 SCC VALUE 'S'.
   72   003160     03 SEMESTER-CODE PICTURE X.
   73   003170      88 SUMMER-SEMESTER VALUE 'U'.
   74   003180      88 FALL-SEMESTER   VALUE 'F'.
   75   003190      88 SPRING-SEMESTER VALUE 'S'.
   76   003200     03 SCHOOL-YEAR  PICTURE XX.
   77   003210     03 FILLER   PICTURE X(76).
   78   004010 01 COURSE-PRIORITY-CARD.
   79   004020     03 COURSE-CODE                PICTURE X(4).
   80   004030     03 COURSE-PRIORITY            PICTURE X.
   81   004040     03 COURSE-ASSIGNED-MAJOR      PICTURE X(4).
   82   004050     03 COURSE-ASSIGNED-AREA.
   83   004060        05 STATE-CID               PICTURE X(4).
   84   004070        05 VEA-MAJOR               PICTURE X(6).
   85   004080     03 FILLER                     PICTURE X(61).
   86   004090 FD PRINTER
   87   004100     LABEL RECORDS ARE OMITTED
   88   004110     RECORDING MODE IS F
   89   004120     DATA RECORD IS PRINT.
   90   004130 01 PRINT PICTURE X(88).
   91   004140 FD OLD-MASTER COPY 'SMASFILE'.
   92 * 001010     RECORDING MODE IS V
   93 * 001020     BLOCK CONTAINS 2116 CHARACTERS
   94 * 001030     LABEL RECORDS ARE STANDARD
   95 * 001040     DATA RECORD IS SSTUDENT.
   96 * 002010 01  SSTUDENT.
   97 * 002020     03 SSOCSEC.
   98 * 002030        05 SSOCSEC1 PICTURE 999.
   99 * 002040        05 SSOCSEC2 PICTURE 99.
  100 * 002050        05 SSOCSEC3 PICTURE 9999.
  101 * 002070     03 SNAME.
  102 * 002080        05 SLNAME.
  103 * 002082           07 SFIRST4 PICTURE X(4).
  104 * 002084           07 SLAST10 PICTURE X(10).
  105 * 002090        05 SFNAME PICTURE X(10).
  106 * 002100        05 SMNAME PICTURE X.
  107 * 002120     03 SOLNAME.
  108 * 002122        05 SOFIRST4 PICTURE X(4).
```

```
LINE NO.  SEQ. NO.      SOURCE STATEMENT
     109 * 002124           05 SOLAST10 PICTURE X(10).
     110 * 002140       03 SPNAME.
     111 * 002150           05 SPLNAME PICTURE X(14).
     112 * 002160           05 SPFNAME PICTURE X.
     113 * 002170           05 SPMNAME PICTURE X.
     114 * 003010       03 SADDRESS.
     115 * 003020           05 SSTREET PICTURE X(20).
     116 * 003030           05 SCITY   PICTURE X(13).
     117 * 003040           05 SSTATE  PICTURE XX.
     118 * 003050           05 SZIP    PICTURE X(5).
     119 * 003070       03 SPHONE.
     120 * 003075           05 SPRE PICTURE X(3).
     121 * 003080           05 SPHO PICTURE X(4).
     122 * 003090       03 SPADD.
     123 * 003100           05 SPSTREET PICTURE X(20).
     124 * 003110           05 SPCITY   PICTURE X(13).
     125 * 003120           05 SPSTATE  PICTURE XX.
     126 * 003130           05 SPZIP    PICTURE X(5).
     127 * 003150       03 SRES.
     128 * 003160           05 STYPE PICTURE X.
     129 * 003170           05 SLOC  PICTURE XXX.
     130 * 004010       03 SBIRTH.
     131 * 004020           05 SBMM PICTURE 99.
     132 * 004030           05 SBDD PICTURE 99.
     133 * 004040           05 SBYY PICTURE 99.
     134 * 004060       03 SSEX PICTURE X.
     135 * 004080       03 SMARITAL PICTURE X.
     136 * 004100       03 SCAMPUS.                                    1-5-71
     137 * 004110           05 SCAMP    PICTURE X.                    1-5-71
     138 * 004120           05 SSUBCAMP.                              1-5-71
     139 * 004130               07 SDAY  PICTURE X.                   1-5-71
     140 * 004140               07 SEVE  PICTURE X.                   1-5-71
     141 * 004150               07 SNG   PICTURE X.                   1-5-71
     142 * 004160               07 SBDAY PICTURE X.                   1-5-71
     143 * 004170               07 SBEVE PICTURE X.                   1-5-71
     144 * 005010       03 SACTIVE PICTURE X.
     145 * 005030       03 SCLASS PICTURE X.
     146 * 005050       03 SMAJOR.
     147 * 005060           05 STT PICTURE X.
     148 * 005070           05 SST PICTURE XXX.
     149 * 005080           05 SPR PICTURE XX.
     150 * 005100       03 SCOUNS PICTURE S999 COMPUTATIONAL-3.
     151 * 005120       03 SDADULT PICTURE X.
     152 * 005140       03 SDEGREE PICTURE XX.
     153 * 005160       03 SLRGRAD PICTURE X.
     154 * 005180       03 SGRADDT.
     155 * 005190           05 SGRADS PICTURE X.
     156 * 005200           05 SGRADY PICTURE XX.
     157 * 006010       03 SENTERED.
     158 * 006020           05 SENTS PICTURE X.
     159 * 006030           05 SENTY PICTURE XX.
     160 * 006050       03 SLASTIN.
     161 * 006060           05 SLASTS PICTURE X.
     162 * 006070           05 SLASTY PICTURE XX.
```


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163 * 006090      03 SSEMS PICTURE 9.
164 * 006110      03 SSTAND.
165 * 006120         05 SGEN PICTURE X.
166 * 006130         05 SMOD PICTURE X.
167 * 006150      03 SUNITS PICTURE S99V9 COMPUTATIONAL-3.
168 * 006160      03 SHOURS PICTURE S99V9 COMPUTATIONAL-3.
169 * 006170      03 SPRUNS PICTURE S99V9 COMPUTATIONAL-3.
170 * 006190      03 SDROP PICTURE X.
171 * 006200      03 SWHYDROP PICTURE XX.
172 * 006220      03 SCOLTRAN.
173 * 006230         05 STRCOUNT PICTURE XX.
174 * 006240         05 STRLEVEL PICTURE X.
175 * 006250         05 STRINST  PICTURE XXX.
176 * 007010      03 SLSDATE.
177 * 007020         05 SLSSEM PICTURE X.
178 * 007030         05 SLSYR  PICTURE XX.
179 * 007050      03 SLSSTAND.
180 * 007060         05 SLSGEN PICTURE X.
181 * 007070         05 SLSMOD PICTURE X.
182 * 007090      03 SLSCLASS PICTURE X.
183 * 007100      03 SLSRANKC PICTURE 9.
184 * 007110      03 SLSRANKS PICTURE 9.
185 * 007130      03 SLSDATA COMPUTATIONAL-3.
186 * 007140         05 SLSUA PICTURE S99V9.
187 * 007150         05 SLSUC PICTURE S99V9.
188 * 007160         05 SLSGP PICTURE S99V9.
189 * 008010      03 SOCLA.
190 * 008020         05 SLACOUNT PICTURE XX.
191 * 008030         05 SLALEVEL PICTURE X.
192 * 008040         05 SLAINST  PICTURE XXX.
193 * 008060      03 SOCDATA COMPUTATIONAL-3.
194 * 008070         05 SOCUA PICTURE S9999V9.
195 * 008080         05 SOCUC PICTURE S9999V9.
196 * 008090         05 SOCGP PICTURE S9999V9.
197 * 009010      03 SHSLA.
198 * 009020         05 SHSCOUNT PICTURE XX.
199 * 009030         05 SHSLEVEL PICTURE X.
200 * 009040         05 SHSINST  PICTURE XXX.
201 * 009060      03 SHSGRAD PICTURE X.
202 * 009080      03 SHSGRADD.
203 * 009090         05 SHSGRADS PICTURE X.
204 * 009100         05 SHSGRADY PICTURE XX.
205 * 009120      03 SHSGPA PICTURE S999 COMPUTATIONAL-3.
206 * 009140      03 SSCAT COMPUTATIONAL-3.
207 * 009150         05 SSCATV   PICTURE S9.
208 * 009160         05 SSCATQ   PICTURE S9.
209 * 009170         05 SSCATENG PICTURE S999.
210 * 010010      03 SACTDATE.
211 * 010020         05 SACTMM PICTURE 99.
212 * 010030         05 SACTYY PICTURE 99.
213 * 010050      03 SACTDATA COMPUTATIONAL-3.
214 * 010060         05 SACTENG  PICTURE S999.
215 * 010070         05 SACTMATH PICTURE S999.
216 * 010080         05 SACTSOCS PICTURE S999.
```

```
LINE NO.  SEQ. NO.      SOURCE STATEMENT
     217  * 010090          05 SACTNATS PICTURE S999.
     218  * 010100          05 SACTCOMP PICTURE S999.
     219  * 010120      03 SCUMDATA COMPUTATIONAL-3.
     220  * 010130          05 SCUMUA PICTURE S9999V9.
     221  * 010140          05 SCUMUC PICTURE S9999V9.
     222  * 010150          05 SCUMGP PICTURE S9999V9.
     223  * 010170      03 SUPDATE.
     224  * 010180          05 SUPMM PICTURE 99.
     225  * 010190          05 SUPDD PICTURE 99.
     226  * 010200          05 SUPYY PICTURE 99.
     227  * 011010      03 SDRAFT PICTURE XX.
     228  * 011020      03 SDRAFTNO PICTURE S9(11) COMPUTATIONAL-3.
     229  * 011030      03 SSSREQ PICTURE X.
     230  * 011050      03 SSTUDNO PICTURE S9(7) COMPUTATIONAL-3.
     231  * 011070      03 SVISA PICTURE X.
     232  * 011090      03 SPROBMYY.
     233  * 011110          05 SPROBM PICTURE X.
     234  * 011130          05 SPROBY PICTURE XX.
     235  * 011150      03 SHIST PICTURE X.
     236  * 011160      03 SRACE PICTURE X.                                  BH145.01
     237  * 011170      03 SFAC1.                                              1-5-71
     238  * 011180          05 SNDSL  PICTURE X.                               1-5-71
     239  * 011190          05 SEOG   PICTURE X.                               1-5-71
     240  * 011200          05 SSR164 PICTURE X.                               1-5-71
     241  * 011210          05 SF18L  PICTURE X.                               1-5-71
     242  * 011220          05 SCA    PICTURE X.                               1-5-71
     243  * 011230          05 SLEEP  PICTURE X.                               1-5-71
     244  * 011240          05 SNL    PICTURE X.                               1-5-71
     245  * 011250          05 SFA21  PICTURE X.                               1-5-71
     246  * 011260          05 SFA22  PICTURE X.                               1-5-71
     247  * 011270      03 SFAC2.                                              1-5-71
     248  * 011280          05 SCWS  PICTURE X.                                1-5-71
     249  * 011290          05 SIL   PICTURE X.                                1-5-71
     250  * 011300          05 SSH   PICTURE X.                                1-5-71
     251  * 011310          05 SFA26 PICTURE X.                                1-5-71
     252  * 011320          05 SFA27 PICTURE X.                                1-5-71
     253  * 011350      03 STRACT.
     254  * 011370          05 STRACTNO PICTURE 999.
     255  * 011390          05 STRACTFRAC PICTURE 99.
     256  * 011410      03 STRACTGR REDEFINES STRACT PICTURE 999V99.
     257  * 011430      03 STRACTALPHA REDEFINES STRACT PICTURE X(5).
     258  * 011440      03 SRIDE PICTURE X.                                  VB012874
     259  * 011450      03 SFILLER PICTURE X.                                VB012874
     260  * 012010      03 SCOURSE OCCURS 20 TIMES.
     261  * 012020          05 SCODE.
     262  * 012030              07 SMAIN PICTURE XXXX.
     263  * 012040              07 SSEC  PICTURE XX.
     264  * 012050          05 SMIDTERM PICTURE 9.
     265  * 012060          05 SFINAL   PICTURE 9.
     266  * 012070          05 SWEEKWD PICTURE 99.
     267    004150  FD NEW-MASTER
     268    004160      BLOCK CONTAINS 1692 CHARACTERS
     269    004170      LABEL RECORDS ARE STANDARD
     270    004175      RECORDING MODE IS F
```


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```
    271  004180      DATA RECORD IS NSTUDENT.
    272  004190 01 NSTUDENT      PICTURE X(846).
    273  005150 WORKING-STORAGE SECTION.
    274  005160      77 ARC-HDG  PICTURE X(23)   VALUE  'AMERICAN RIVER COLLEGE '.
    275  005170      77 SCC-HDG  PICTURE X(23)   VALUE  'SACRAMENTO CITY COLLEGE'.
    276  005180      77 CRC-HDG  PICTURE X(23)   VALUE  'COSUMNES RIVER COLLEGE '.
    277           01  NEW-WORK.
    278           03 FILLER    PICTURE X(324).
  S 279  005010      03 SCOURSE OCCURS 20 TIMES.
    280  005020          05 SCODE.
    281  005030              07 NMAIN     PICTURE XXXX.
    282  005040              07 SSEC      PICTURE XX.
    283  005050          05 SMIDTERM      PICTURE 9.
    284  005060          05 SFINAL        PICTURE 9.
    285  005070          05 SWEEKWD       PICTURE 99.
    286  005080      03 SVEA      OCCURS 20 TIMES.
    287  005090              07 SPRIORITY    PICTURE X.
    288  005100              07 SCAM         PICTURE XXXX.
    289  005110              07 SCABA        PICTURE X(10).
    290  005120      03 SHIGHEST-PRIO.
    291  005125        05 SHIPRI PICTURE X.
    292  005130          05 SHCAM         PICTURE XXXX.
    293  005140          05 SHCABA        PICTURE X(10).
    294  005145      03 SUBCAMPUS     PICTURE X VALUE SPACE.                  0701748M
    295  005150      03 FILLER    PICTURE X(6).
    296  006010 01 COURSE-PRIORITY-TABLE.
    297  006020      03 TABLE-ENTRY OCCURS 500 TIMES.
    298  006030        05 TCOURSE     PICTURE X(4).
    299  006035         04 TNEXT9.
    300  006040        05 TPRIORITY  PICTURE X.
    301  006050        05 TCAM       PICTURE X(4).
    302  006060        05 TCABA      PICTURE X(10).
    303  006070 01 SUBSCRIPTS COMPUTATIONAL.
    304  006080      03 X     PICTURE S999     VALUE 1.
    305  006090      03 Y     PICTURE S999     VALUE 1.
    306  006095      03 Z     PICTURE S999     VALUE 0.
    307  006096      03 UL    PICTURE S999     VALUE 0.
    308  006097      03 LL    PICTURE S999     VALUE 0.
    309  006100 01 PRIORITY-COUNTERS COMPUTATIONAL-3.
    310  006105      03 D-COUNTER     PICTURE S9(3)   VALUE 0.
    311  006110      03 TOTAL-A  PICTURE S9(5)   VALUE 0.
    312  006115      03 CLASS1   PICTURE S9(5)   VALUE 0.
    313  006120      03 TOTAL-B  PICTURE S9(5)   VALUE 0.
    314  006130      03 TOTAL-C  PICTURE S9(5)   VALUE 0.
    315  006140      03 TOTAL-D  PICTURE S9(5)   VALUE 0.
    316  006150      03 TOTAL-E  PICTURE S9(5)   VALUE 0.
    317  006155      03 TOTAL-COUNT  PICTURE S9(7)   VALUE 0.
    318  006158      03 PGNO     PICTURE S999     VALUE 1.
    319  006159      03 TOT-NONGR     PICTURE S9(5) VALUE 0.
    320  006160 01  HDG1.
    321  006170      03 FILLER    PICTURE X(26)   VALUE SPACES.
    322  006180      03 FILLER    PICTURE X(24)   VALUE 'LOS RIOS COMMUNITY COLLE'.
    323  006190      03 FILLER    PICTURE X(11)   VALUE 'GE DISTRICT'.
    324  006200      03 FILLER    PICTURE X(27)   VALUE SPACES.
```

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LINE NO.  SEQ. NO.        SOURCE STATEMENT
    325   007010 01  HDG2.
    326   007020       03 FILLER    PICTURE X(24)   VALUE '     JOB NO. GW299.01    '.
    327   007030       03 FILLER    PICTURE X(14)   VALUE SPACES.
    328   007040       03 FILLER    PICTURE X(11)   VALUE 'PROJECT SAM'.
    329   007050       03 FILLER    PICTURE X(24)   VALUE SPACES.
    330   007060       03 FILLER    PICTURE X(5)    VALUE 'PAGE '.
    331   007070       03 PAGENO    PICTURE ZZ9.
    332   007080       03 FILLER    PICTURE X(7)    VALUE SPACES.
    333   007090 01  HDG3.
    334   007100       03 FILLER    PICTURE X(24)   VALUE '     REPORT GW299.01     '.
    335   007110       03 FILLER    PICTURE X(6)    VALUE SPACES.
    336   007120       03 FILLER    PICTURE X(24)   VALUE 'STUDENT COUNT BY PRIORIT'.
    337   007130       03 FILLER    PICTURE X(19)   VALUE 'Y              DATE '.
    338   007140       03 RUN-DATE  PICTURE X(8)    VALUE SPACES.
    339   007150       03 FILLER    PICTURE X(7)    VALUE SPACES.
    340   007160 01  HDG4.
    341   007170       03 FILLER    PICTURE X(16)   VALUE '     CAMPUS   = '.
    342   007180       03 PCAMPUS   PICTURE X(23)   VALUE SPACES.
    343   007190       03 FILLER    PICTURE X(48)   VALUE SPACES.
    344   007200 01  HDG5.
    345   008010       03 FILLER    PICTURE X(16)   VALUE '     SEMESTER = '.
    346   008020       03 PSEMEST   PICTURE X(11)   VALUE 'FALL 1973  '.
    347   008030       03 FILLER    PICTURE X(60)   VALUE SPACES.
    348   008040 01  HDG6.
    349   008050       03 FILLER    PICTURE X(21)   VALUE '      CLASS          '.
    350   008060       03 FILLER    PICTURE X(13)   VALUE 'STUDENT COUNT'.
    351   008070       03 FILLER    PICTURE X(53)   VALUE SPACES.
    352   008080 01  D1.
    353   008090       03 FILLER    PICTURE X(24)   VALUE '        1 (A + B)       '.
    354   008100       03 PPRI-A    PICTURE ZZ.ZZ9.
    355   008110       03 FILLER    PICTURE X(57)   VALUE SPACES.
    356   008160 01  D3.
    357   008170       03 FILLER    PICTURE X(24)   VALUE '        2   (C)         '.
    358   008180       03 PPRI-C    PICTURE ZZ.ZZ9.
    359   008190       03 FILLER    PICTURE X(57)   VALUE SPACES.
    360   008200 01  D4.
    361   009010       03 FILLER    PICTURE X(24)   VALUE '        3   (D)         '.
    362   009020       03 PPRI-D    PICTURE ZZ.ZZ9.
    363   009030       03 FILLER    PICTURE X(57)   VALUE SPACES.
    364   009040 01  D5.
    365   009050       03 FILLER    PICTURE X(24)   VALUE '        4   (E)         '.
    366   009060       03 PPRI-E    PICTURE ZZ.ZZ9.
    367   009070       03 FILLER    PICTURE X(57)   VALUE SPACES.
    368   009080 01  T1.
    369   009090       03 FILLER    PICTURE X(24)   VALUE '                *TOTAL*   '.
    370   009100       03 PTOTAL    PICTURE ZZ.ZZ9.
    371   009110       03 FILLER    PICTURE X(56)   VALUE SPACES.
    372   009120 01  HOLD-AREA.
    373   009130       03 HNEXT9.
    374   009140          05 HPRI PICTURE  X      VALUE 'E'.
    375   009150          05 HCAM PICTURE XXXX    VALUE '2030'.
    376   009160          05 HCABA PICTURE X(10)  VALUE '9999999999'.
    377   101010 PROCEDURE DIVISION.
    378   101020 INITIALIZE.
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LINE NO.  SEQ. NO.        SOURCE STATEMENT

     379  101030      OPEN INPUT CARD-READER, OLD-MASTER
     380  101040           OUTPUT PRINTER, NEW-MASTER.
     381  101050      ENTER LINKAGE.
     382  101060          CALL 'DATE' USING RUN-DATE.
     383  101070      ENTER COBOL.
     384  101075      MOVE PGNO TO PAGENO.
     385  101080      READ OLD-MASTER INTO NEW-WORK AT END GO TO EOF-ERROR-TAPE.
     386  101090      READ CARD-READER AT END GO TO EOF-ERROR-CARD.
     387  101100      IF SCAMP NOT = CAMPUS-CODE GO TO CONTROL-ERROR.
     388  101110      IF ARC MOVE ARC-HDG TO PCAMPUS GO TO BUILD-TABLE.
     389  101120      IF CRC MOVE CRC-HDG TO PCAMPUS GO TO BUILD-TABLE.
     390  101130      IF SCC MOVE SCC-HDG TO PCAMPUS GO TO BUILD-TABLE.
     391  101140      GO TO CAMPUS-ERROR.
     392  101150 BUILD-TABLE.
     393  101160      READ CARD-READER AT END MOVE X TO Z GO TO CHECK-ACTIVE.
     394  101170      MOVE COURSE-CODE TO TCOURSE (X).
     395  101180      MOVE COURSE-PRIORITY TO TPRIORITY (X).
     396  101190      MOVE COURSE-ASSIGNED-MAJOR TO TCAM (X).
     397  101200      MOVE COURSE-ASSIGNED-AREA TO TCABA (X).
     398  102010      ADD 1 TO X.
     399  102020      IF X GREATER THAN 500 GO TO TABLE-OVERFLOW.
     400  102030      GO TO BUILD-TABLE.
     401  102040 CHECK-ACTIVE.
     402  102050      IF SACTIVE = 'Y' NEXT SENTENCE ELSE GO TO READ-TAPE.
     403  102051      IF SDAY = 'N' AND SEVE = 'N' AND SBDAY = 'N' AND SBEVE = 'N'
     404  102052      AND SNG = 'A' OR SNG = 'I' ADD 1 TO TOT-NONGR
     405  102053           MOVE 'Y' TO SUBCAMPUS ELSE MOVE ' ' TO SUBCAMPUS.
     406  102055      MOVE 1 TO Y.
     407  102060 AA.
     408  102065      MOVE Z TO UL.
     409  102070      MOVE 0 TO LL.
     410  102075 BB.
     411  102080      COMPUTE X = (UL + LL) / 2.
     412  102085      IF X = LL MOVE 'E2030999999999' TO SVEA (Y) GO TO CC.
     413  102090      IF TCOURSE (X) LESS THAN NMAIN (Y) MOVE X TO LL GO TO BB.
     414  102095      IF TCOURSE (X) GREATER THAN NMAIN (Y) MOVE X TO UL GO TO BB.
     415  102100      MOVE TNEXT9 (X) TO SVEA (Y).
     416  102105      IF HPRI GREATER THAN TPRICRITY (X) MOVE TNEXT9 (X) TO
     417  102110           HNEXT9.
     418  102115      IF SPRIORITY (Y) = 'D' ADD 1 TO D-COUNTER.
     419  102120 CC.
     420  102125      ADD 1 TO Y.
     421  102130      IF Y GREATER THAN 20 OR NMAIN (Y) = '     '
     422  102135           GO TO SELECT-ADD-UP.
     423  102140      GO TO AA.
     424  102180 SELECT-ADD-UP.
     425  102190      IF HPRI = 'D' IF D-COUNTER GREATER THAN 1
     426  102200        ADD 1 TO TOTAL-D GO TO PRE-WRITE
     427  102210          ELSE GO TO CHECK-UNITS.
     428  103010      IF HPRI = 'C'   ADD 1 TO TOTAL-C    GO TO PRE-WRITE.
     429  103020      IF HPRI = 'B'   ADD 1 TO TOTAL-B    GO TO PRE-WRITE.
     430  103030      IF HPRI = 'A'   ADD 1 TO TOTAL-A    GO TO PRE-WRITE.
     431  103040 DD. ADD 1 TO TOTAL-E.
     432  103050 PRE-WRITE.
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LINE NO.  SEQ. NO.        SOURCE STATEMENT
     433    103055            MOVE HPRI TO SHIPRI.
     434    103060            MOVE HCAM TO SHCAM      MOVE HCABA TO SHCABA.
     435    103070            WRITE NSTUDENT FROM NEW-WORK.
     436    103080            MOVE '820309999999999' TO HNEXT9.
     437    103085            MOVE 0 TO D-COUNTER.
     438    103090 READ-TAPE.
     439    103100            READ OLD-MASTER INTO NEW-WORK AT END GO TO PRINT-HDGS.
     440    103110            GO TO CHECK-ACTIVE.
     441    103120 PRINT-HDGS.
     442    103130            WRITE PRINT FROM HDG1 AFTER 0.
     443    103140            WRITE PRINT FROM HDG2 AFTER 1.
     444    103150            WRITE PRINT FROM HDG3 AFTER 1.
     445    103160            WRITE PRINT FROM HDG4 AFTER 2.
     446    103170            WRITE PRINT FROM HDG5 AFTER 1.
     447    103180            WRITE PRINT FROM HDG6 AFTER 3.
     448    103190 INFO-TO-PRINT-LINE.
     449    103200            COMPUTE CLASS1 = TOTAL-A + TOTAL-B.
     450    103210            MOVE CLASS1 TO PPRI-A.
     451    104010            ADD CLASS1 TO TOTAL-COUNT.
     452    104020            MOVE TOTAL-C TO PPRI-C      ADD TOTAL-C TO TOTAL-COUNT.
     453    104030            MOVE TOTAL-D TO PPRI-D      ADD TOTAL-D TO TOTAL-COUNT.
     454    104040            MOVE TOTAL-E TO PPRI-E      ADD TOTAL-E TO TOTAL-COUNT.
     455    104050            MOVE TOTAL-COUNT TO PTOTAL.
     456    104060 PRINT-TOTALS.
     457    104070            WRITE PRINT FROM D1 AFTER 2.
     458    104090            WRITE PRINT FROM D3 AFTER 2.
     459    104100            WRITE PRINT FROM D4 AFTER 2.
     460    104110            WRITE PRINT FROM D5 AFTER 2.
     461    104120            WRITE PRINT FROM T1 AFTER 2.
     462    104122            DISPLAY ' '.
     463    104124            DISPLAY 'THE TOTAL ABOVE INCLUDES ' TOT-NONGR
     464    104126                ' NON-GRADED STUDENTS '.
     465    104130 CLOSE-ROUTINE.
     466    104140            CLOSE OLD-MASTER, NEW-MASTER WITH LOCK, CARD-READER, PRINTER.
     467    104150            STOP RUN.
     468    105010 EOF-ERROR-TAPE.
     469    105020            DISPLAY 'NO DATA ON OLD-MASTER-FILE'.
     470    105030            GO TO CLOSE-ROUTINE.
     471    105040 EOF-ERROR-CARD.
     472    105050            DISPLAY 'NO CONTROL INFO INPUT'.
     473    105060            GO TO CLOSE-ROUTINE.
     474    105070 CONTROL-ERROR.
     475    105080            DISPLAY 'CAMPUS CODES DO NOT MATCH'.
     476    105090            DISPLAY 'CARD CODE IS ' CAMPUS-CODE ' TAPE CODE IS ' SCAMP.
     477    105100            GO TO CLOSE-ROUTINE.
     478    105110 CAMPUS-ERROR.
     479    105120            DISPLAY 'INVALID CAMPUS CODE IN CONTROL CARD'.
     480    105130            GO TO CLOSE-ROUTINE.
     481                  CHECK-UNITS.
     482                      IF SUNITS LESS THAN 7.1 AND D-COUNTER GREATER THAN 0
     483                          ADD 1 TO TOTAL-D      GO TO PRE-WRITE
     484                            ELSE MOVE '820309999999999' TO HNEXT9 GO TO DD.
     485    105140 TABLE-OVERFLOW.
     486    105150            DISPLAY 'TABLE SUBSCRIPT IS GREATER THAN 500'.
```

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```
LINE NO. SEQ. NO.        SOURCE STATEMENT

  487   105160     GO TO CLOSE-ROUTINE.
```

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NO. GW299.01
REPORT GW299.01

LOS RIOS COMMUNITY COLLEGE DISTRICT
PROJECT SAM
STUDENT COUNT BY PRIORITY

DATE 07/25/74

CAMPUS = AMERICAN RIVER COLLEGE
SEMESTER = FALL 1973

CLASS	STUDENT COUNT
1 (A + B)	1,986
2 (C)	2,610
3 (D)	3,625
4 (E)	8,825
TOTAL	17,046

THE TOTAL ABOVE INCLUDES 00653 NON-GRADED STUDENTS

LOS RIOS COMMUNITY COLLEGE DISTRICT

JOB NO. GW299.01 | PROJECT SAM | PAGE 1

REPORT GW299.01 | STUDENT COUNT BY PRIORITY | DATE 07/25/74

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CAMPUS = AMERICAN RIVER COLLEGE
SEMESTER = SPRING 1974

CLASS	STUDENT COUNT
1 (A + B)	2,003
2 (C)	2,607
3 (D)	3,352
4 (E)	8,163
TOTAL	16,125

THE TOTAL ABOVE INCLUDES 00324 NON-GRADED STUDENTS

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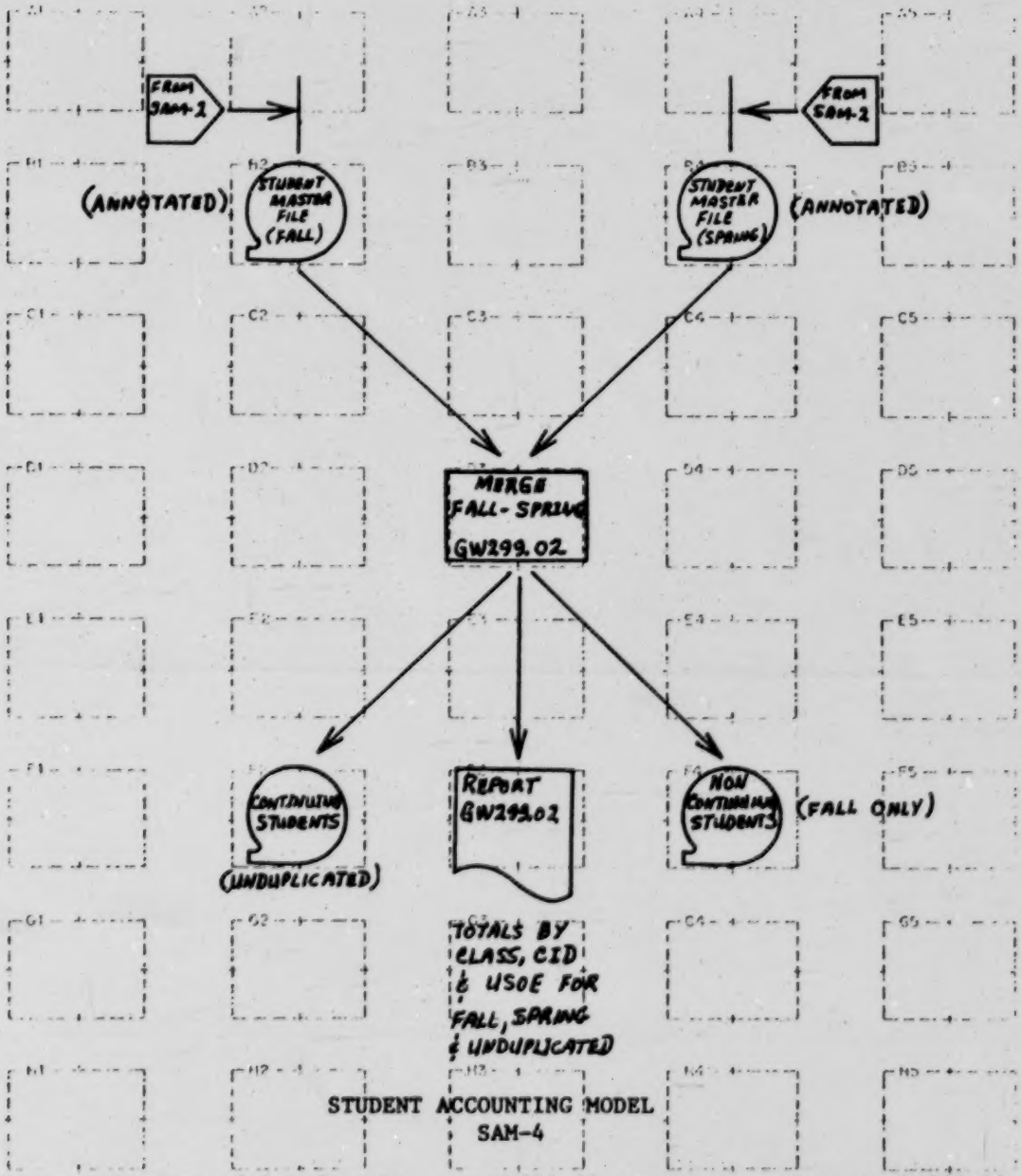
IBM Flowcharting Worksheet

Programmer: WILLIAM J. WELLS Program No.: GW299.02 Date: 05/31/74 Page: 1
Chart ID: SAM-4 Chart Name: Program Name:



STUDENT ACCOUNTING MODEL
SAM-4

Annotated master files from Program GW299.01 are input to Program GW299.02 producing the following results:

1. An output master file containing non-continuing students. (Fall only)
2. An output master file containing only continuing (unduplicated count) students.
3. A report totaling students by Class, CID, and USOE number for Fall, Spring and Fall-Spring (unduplicated).

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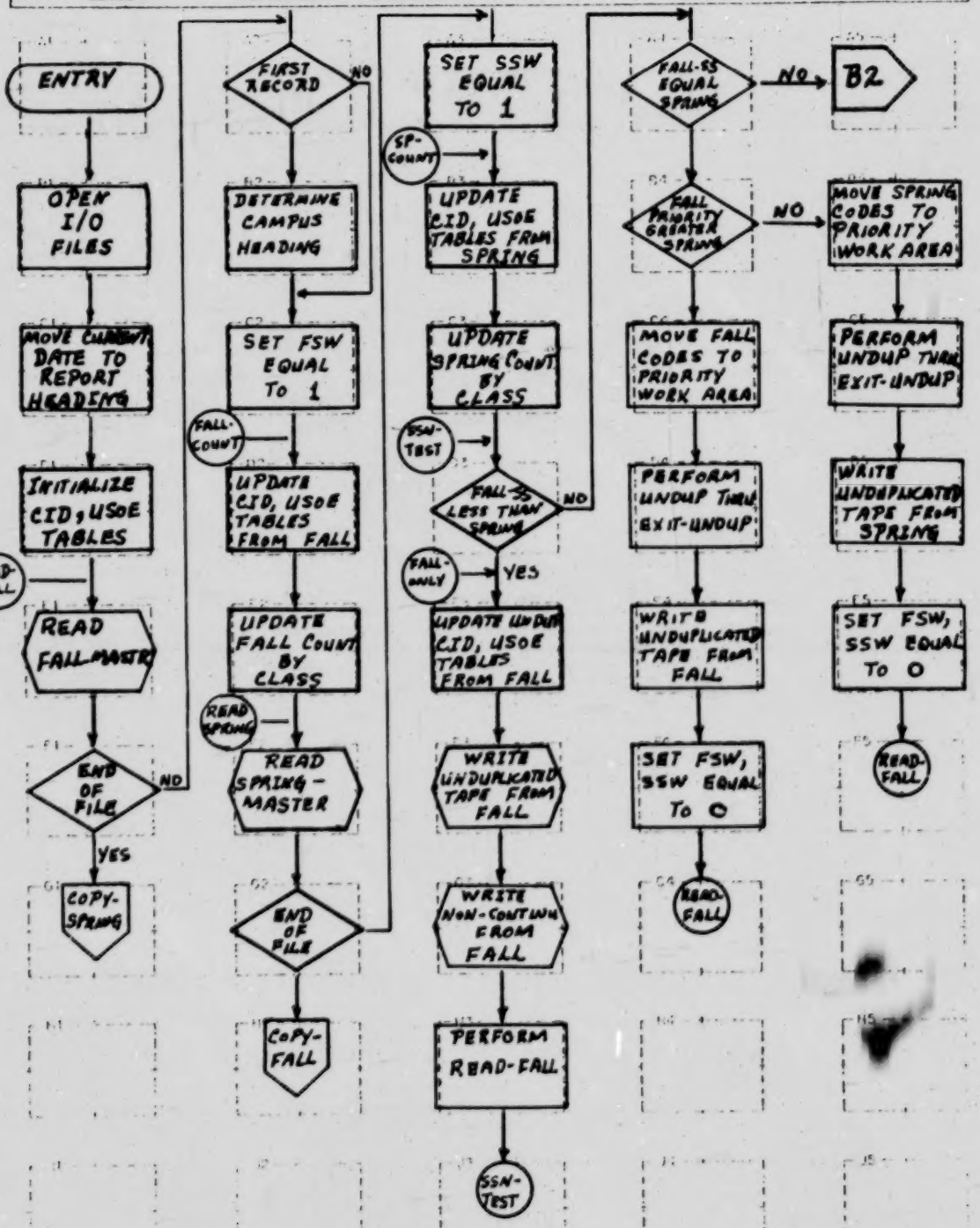
IBM Flowcharting Worksheet

Programmer: WILLIAM J. WELLS Program No.: GW299.02 Date: 07/14/74 Page: 1

Chart ID: SAMS Chart Name: STUDENT ACCOUNTING Program Name: UNDUPLICATED COUNTS



IBM Flowcharting Worksheet

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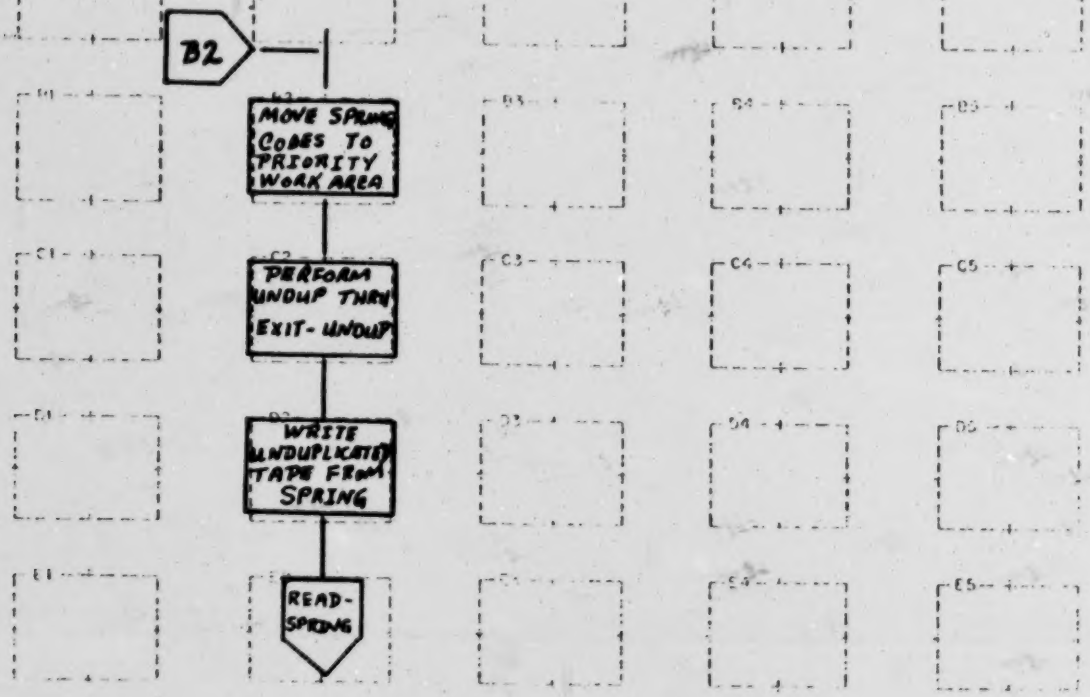
GX20-8020-2 (10/73)
Reprinted 12/73

Programmer: _____ Program No.: GW299.02 Date: 07/14/74 Page: 2

Chart ID: _____ Chart Name: _____ Program Name: _____



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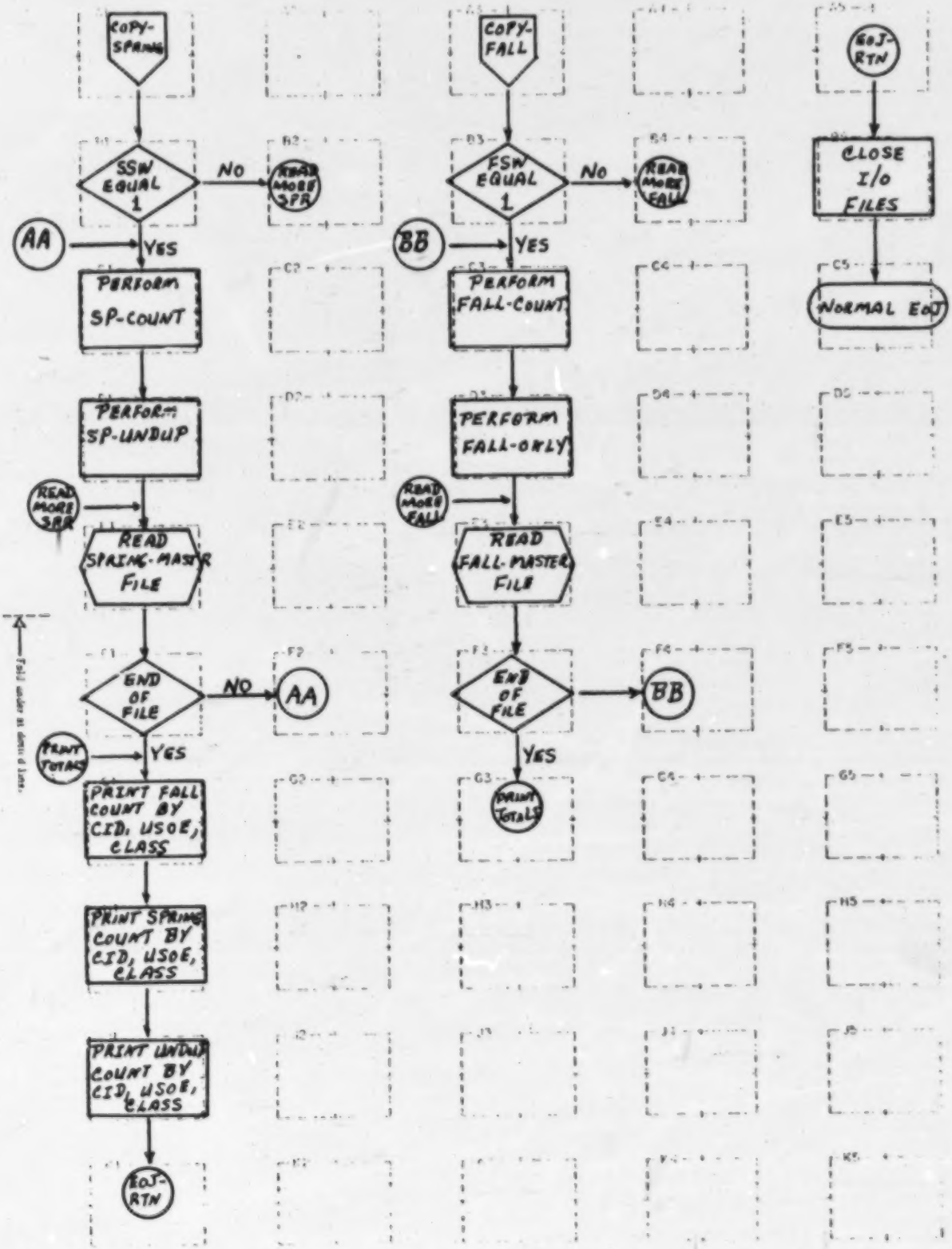
IBM Flowcharting Worksheet

Programmer: _____ Program No.: GW299.02 Date: 07/14/74 Page: 3

Chart ID: ____ Chart Name: _____ Program Name: _____



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```
00001  000010 ID DIVISION.                                                    03-31-74
00002  000020 PROGRAM-ID.      SW29902.                                       03-31-74
00003  000030 AUTHOR.          WILLIAM J. WELLS.                              03-31-74
00004  000040 INSTALLATION.    LOS RIOS COMMUNITY COLLEGE DISTRICT            03-31-74
00005  000050                  2011 ARDEN WAY                                 03-31-74
00006  000060                  SACRAMENTO, CA  95825.  PHONE (916) 484-8155.  03-31-74
00007  000070 DATE-WRITTEN.    03-31-74                                       03-31-74
00008  000080 DATE-COMPILED. 07/25/74                                         03-31-74
00009  000090 REMARKS.                                                        03-31-74
00010  001010 ENVIRONMENT DIVISION.                                           03-31-74
00011  001020 CONFIGURATION SECTION.                                          03-31-74
00012  001030 SOURCE-COMPUTER.         IBM-360-F30.                           03-31-74
00013  001040 OBJECT-COMPUTER.         IBM-360-F30.                           03-31-74
00014  001044 SPECIAL-NAMES.
00015  001045     C01 IS NEXT-PAGE.
00016  001050 INPUT-OUTPUT SECTION.                                           03-31-74
00017  001060 FILE-CONTROL.                                                   03-31-74
00018  001070     SELECT  PRINTER      ASSIGN TO SYS009-UR-1403-S.            03-31-74
00019  001080     SELECT  FALL-MST     ASSIGN TO SYS010-UT-2400-S.            03-31-74
00020  001090     SELECT  UNDUPLICATE  ASSIGN TO SYS011-UT-2400-S.            03-31-74
00021  001100     SELECT  SPRING-MST   ASSIGN TO SYS012-UT-2400-S.            03-31-74
00022  001110     SELECT NONCONTINU    ASSIGN TO SYS013-UT-2400-S.            04-27-74
00023  010010 DATA DIVISION.                                                  03-31-74
00024  010015 FILE SECTION.                                                   03-31-74
00025  010020 FD  PRINTER                                                     03-31-74
00026  010030     LABEL RECORDS ARE OMITTED        RECORDING MODE IS F        03-31-74
00027  010040     DATA RECORD IS PRINT.                                       03-31-74
00028  010050 01  PRINT        PIC X(128).                                    03-31-74
00029  010060 FD  FALL-MST                                                    03-31-74
00030  010070     LABEL RECORDS ARE STANDARD       RECORDING MODE IS F        03-31-74
00031  010080     RECORD CONTAINS  846 CHARACTERS BLOCK CONTAINS 2  RECORDS   03-31-74
00032  010090     DATA RECORD IS FALL-STUDENT.                                03-31-74
00033  010100 01  FALL-STUDENT     PIC X(846).
00034  010110 FD  UNDUPLICATE                                                 03-31-74
00035  010120     LABEL RECORDS ARE STANDARD       RECORDING MODE IS F        03-31-74
00036  010130     RECORD CONTAINS  846 CHARACTERS BLOCK CONTAINS 2 RECORDS    03-31-74
00037  010140     DATA RECORD IS UNDUPLICATED.
00038  010150 01  UNDUPLICATED     PIC X(846).
00039  010160 FD  SPRING-MST                                                  03-31-74
00040  010170     LABEL RECORDS ARE STANDARD       RECORDING MODE IS F        03-31-74
00041  010180     RECORD CONTAINS  846 CHARACTERS BLOCK CONTAINS 2 RECORDS    03-31-74
00042  010190     DATA RECORD IS SPRING-STUDENT.                              03-31-74
00043  010200 01  SPRING-STUDENT  PIC X(846).
00044  010210 FD  NONCONTINU
00045  010220     LABEL RECORDS ARE STANDARD    RECORDING MODE IS F
00046  010230     RECORD CONTAINS 846 CHARACTERS BLOCK CONTAINS 2 RECORDS
00047  010240     DATA RECORD IS NON-CONTINUE.
00048  010250 01  NON-CONTINUE     PIC X(846).
00049  020010 WORKING-STORAGE SECTION.                                        03-31-74
00050  020020 01  FWORK.                                                     03-31-74
00051  020030     03 FALL-SS  PIC S9(9).
00052  020040     03 FILLER   PIC X(154).
00053  020042     03 FCAMPUS  PIC X.
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00054   020044     03 FILLER   PIC X(660).
00055   020050     03 FPRIORITY.
00056   020060      05 FPRI     PIC X.
00057   020070      05 FCAM     PIC XXXX.                                  03-31-74
00058   020080      05 FCA      PIC X(4).
00059   020090      05 FBA      PIC X(6).
00060   020100     03 FSEMST    PIC X(7).                                  03-31-74
00061   020110 01  SWORK.                                                 03-31-74
00062   020120     03 SPRING-SS PIC S9(9).
00063   020130     03 FILLER    PIC X(815).
00064   020140     03 SPRIORITY.
00065   020150      05 SPRI     PIC X.                                     03-31-74
00066   020160      05 SCAM     PIC XXXX.                                  03-31-74
00067   020170      05 SCA      PIC X(4).
00068   020180      05 SBA      PIC X(6).
00069   020190     03 SSEMST    PIC X(7).                                  03-31-74
00070 **010010 01  H1.                                                    0525748W
00071   010020     03 FILLER    PIC X(26)      VALUE SPACES.               0525748W
00072   010030     03 FILLER    PIC X(24)      VALUE 'LOS RIOS COMMUNITY COLLE'.0525748W
00073   010040     03 FILLER    PIC X(11)      VALUE 'GE DISTRICT'.        0525748W
00074   010050     03 FILLER    PIC X(67)      VALUE SPACES.               0525748W
00075   010060 01  H2.                                                    0525748W
00076   010070     03 FILLER    PIC X(24)      VALUE '     JOB NO. GW299.02   '.0525748W
00077   010080     03 FILLER    PIC X(24)      VALUE '                PROJECT SA'.0525748W
00078   010090     03 FILLER    PIC X(24)      VALUE 'M                   '.0525748W
00079   010100     03 FILLER    PIC X(6)       VALUE ' PAGE '.             0525748W
00080   010110     03 PAGE-NO   PIC ZZ9.                                   0525748W
00081   010120     03 FILLER    PIC X(47)      VALUE SPACES.               0525748W
00082   010130 01  H3.                                                    0525748W
00083   010140     03 FILLER    PIC X(24)      VALUE '     REPORT  GW299.02   '.0525748W
00084   010150     03 FILLER    PIC X(10)      VALUE SPACES.               0525748W
00085   010160     03 REPTHD1   PIC X(18)      VALUE SPACES.               0525748W
00086   010170     03 FILLER    PIC X(21)      VALUE '                DATE '.  0525748W
00087   010180     03 RUN-DATE  PIC X(8)       VALUE SPACES.               0525748W
00088   010190     03 FILLER    PIC X(47)      VALUE SPACES.               0525748W
00089   010200 01  H4.                                                    0525748W
00090   010210     03 FILLER    PIC X(13)      VALUE '     CAMPUS  '.      0525748W
00091   010220     03 HCAMPUS   PIC X(15)      VALUE SPACES.               0525748W
00092   010230     03 FILLER    PIC X(7)       VALUE SPACES.               0525748W
00093   010240     03 REPTHD2   PIC X(18)      VALUE SPACES.               0525748W
00094   011010     03 FILLER    PIC X(75)      VALUE SPACES.               0525748W
00095   011020 01  H5.                                                    0525748W
00096   011030     03 FILLER    PIC X(24)      VALUE '      CLASS          STU'.0525748W
00097   011040     03 FILLER    PIC X(24)      VALUE 'DENT COUNT            '.0525748W
00098   011050     03 FILLER    PIC X(80)      VALUE SPACES.               0525748W
00099   011060 01  H6.                                                    0525748W
00100   011070     03 FILLER    PIC X(24)      VALUE '        CID          STU'.0525748W
00101   011080     03 FILLER    PIC X(24)      VALUE 'DENT COUNT            '.0525748W
00102   011090     03 FILLER    PIC X(24)      VALUE '    USOE             STUD'.0525748W
00103   011100     03 FILLER    PIC X(24)      VALUE 'ENT COUNT             '.0525748W
00104   011110     03 FILLER    PIC X(32)      VALUE SPACES.               0525748W
00105   011120 01  D1.                                                    0525748W
00106   011130     03 FILLER    PIC X(8)       VALUE SPACES.               0525748W
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00107  011140     03 PCLASS    PIC X          VALUE SPACES.                    052574BW
00108  011150     03 FILLER    PIC X(16)      VALUE SPACES.                    052574BW
00109  011160     03 PTOTCLASS PIC ZZ,ZZZ.
00110  011170     03 FILLER    PIC X(97)      VALUE SPACES.                    052574BW
00111  011180 01  D2.
00112  011190     03 FILLER    PIC X(7)       VALUE SPACES.                    052574BW
00113  011200     03 PCIDNO    PIC X(4)       VALUE SPACES.                    052574BW
00114  011210     03 FILLER    PIC X(14)      VALUE SPACES.                    052574BW
00115  011220     03 PTOTCID   PIC ZZ,ZZZ.
00116  011230     03 FILLER    PIC X(19)      VALUE SPACES.                    052574BW
00117  011240     03 USOE2     PIC XX         VALUE SPACES.                    052574BW
00118  012010     03 PDECIMAL  PIC X          VALUE '.                         052574BW
00119  012020     03 USOE4     PIC X(4)       VALUE SPACES.                    052574BW
00120  012030     03 FILLER    PIC X(15)      VALUE SPACES.                    052574BW
00121  012040     03 PTOTUSOE  PIC ZZ,ZZZ.
00122  012050     03 FILLER    PIC X(50)      VALUE SPACES.                    052574BW
00123  012060 01  T1.                                                         052574BW
00124  012070     03 FILLER    PIC X(24)      VALUE '          T O T A L   '.052574BW
00125  012080     03 PTOTAL1   PIC ZZZ,ZZ9.                                   052574BW
00126  012090     03 FILLER    PIC X(97)      VALUE SPACES.                    052574BW
00127  012100 01  T2.                                                         052574BW
00128  012110     03 FILLER    PIC X(24)      VALUE '          T O T A L   '.052574BW
00129  012120     03 PTOTAL2   PIC ZZZ,ZZ9.                                   052574BW
00130  012130     03 FILLER    PIC X(28)      VALUE SPACES.                    052574BW
00131  012140     03 FILLER    PIC X(12)      VALUE 'T O T A L   '.            052574BW
00132  012150     03 PTOTAL3   PIC ZZZ,ZZ9.                                   052574BW
00133  012160     03 FILLER    PIC X(50)      VALUE SPACES.                    052574BW
00134  013010 01  COUNTRS COMP-3.                                            052574BW
00135  013020     03 TCLASS1-FALL PIC S9(5)   VALUE +0.                       052574BW
00136  013030     03 TCLASS2-FALL PIC S9(5)   VALUE +0.                       052574BW
00137  013040     03 TCLASS3-FALL PIC S9(5)   VALUE +0.                       052574BW
00138  013050     03 TCLASS4-FALL PIC S9(5)   VALUE +0.                       052574BW
00139  013052     03 TFALL     PIC S9(6)   VALUE +0.
00140  013060     03 TCLASS1-SPR  PIC S9(5)   VALUE +0.                       052574BW
00141  013070     03 TCLASS2-SPR  PIC S9(5)   VALUE +0.                       052574BW
00142  013080     03 TCLASS3-SPR  PIC S9(5)   VALUE +0.                       052574BW
00143  013090     03 TCLASS4-SPR  PIC S9(5)   VALUE +0.                       052574BW
00144  013092     03 TCLASS1   PIC S9(5)   VALUE +0.
00145  013094     03 TCLASS2   PIC S9(5)   VALUE +0.
00146  013096     03 TCLASS3   PIC S9(5)   VALUE +0.
00147  013098     03 TCLASS4   PIC S9(5)   VALUE +0.
00148  013100     03 PAGE-CT      PIC S9      VALUE +0.                        052574BW
00149  013102     03 LINE-CT   PIC S99     VALUE +0.
00150  013110     03 TOTAL-CID    PIC S9(6)   VALUE +0.                       052574BW
00151  013120     03 TOTAL-USOE   PIC S9(6)   VALUE +0.                       052574BW
00152  013130     03 FSW          PIC S9      VALUE +0.                        052574BW
00153  013140     03 SSW          PIC S9      VALUE +0.                        052574BW
00154  014010 01  CID-TABLE.                                                 052574BW
00155  014020     03 CID-ENTRY OCCURS 100 TIMES.                               052574BW
00156  014030       05 FCID    PIC X(4).                                      052574BW
00157  014040       05 SCID    PIC X(4).                                      052574BW
00158  014050       05 TCID    PIC X(4).                                      052574BW
00159  014060       05 FCTR1   PIC S9(5)   COMP-3.                            052574BW
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00160  014070          05 SCTR1   PIC S9(5)   COMP-3.                    052574BW
00161  014080          05 TCTR1   PIC S9(5)   COMP-3.                    052574BW
00162  014090 01  USOE-TABLE.                                            052574BW
00163  014100      03 USOE-ENTRY OCCURS 100 TIMES.                        052574BW
00164  014102       04 ALL-USOE.                                          052574BW
00165  014110       05 FUSOE.                                             052574BW
00166  014120        07 FUSOE2 PIC X(2).                                  052574BW
00167  014130        07 FUSOE4 PIC X(4).                                  052574BW
00168  014140       05 SUSOE.                                             052574BW
00169  014150        07 SUSOE2 PIC X(2).                                  052574BW
00170  014160        07 SUSOE4 PIC X(4).                                  052574BW
00171  014170       05 TUSOE.                                             052574BW
00172  014180        07 TUSOE2 PIC X(2).                                  052574BW
00173  014190        07 TUSOE4 PIC X(4).                                  052574BW
00174  014192       04 ALL-CTR2.                                          052574BW
00175  014200       05 FCTR2   PIC S9(5)   COMP-3.                        052574BW
00176  014210       05 SCTR2   PIC S9(5)   COMP-3.                        052574BW
00177  014220       05 TCTR2   PIC S9(5)   COMP-3.                        052574BW
00178  015010 01  SUBSKRIPTS COMPUTATIONAL.                              052574BW
00179  015020      03 X         PIC S999    VALUE 1.                     052574BW
00180  015030      03 Y         PIC S999    VALUE +0.
00181  015040      03 Z         PIC S999    VALUE +0.
00182  016010 01  PRI-WORK.
00183  016020      03 WPRI      PIC X.
00184  016030      03 WCAM      PIC X(4).
00185  016040      03 WCA       PIC X(4).
00186  016050      03 WBA       PIC X(6).
00187  101010 PROCEDURE DIVISION.
00188  101020 INIT.
00189  101030      OPEN INPUT FALL-MST. SPRING-MST                         052574BW
00190  101040           OUTPUT UNDUPLICATE. NONCONTINU. PRINTER.           052574BW
00191  101050      MOVE CURRENT-DATE TO RUN-DATE.                          052574BW
00192  101060 INIT-TABLES.                                                 052574BW
00193  101070      MOVE SPACES TO FCID (X) SCID (X) TCID (X)               052574BW
00194  101071           FUSOE (X) SUSOE (X) TUSOE (X).
00195  101080      MOVE 0 TO FCTR1 (X) SCTR1 (X) TCTR1 (X)
00196  101081           FCTR2 (X) SCTR2 (X) TCTR2 (X).
00197  101090      ADD 1 TO X.
00198  101100      IF X LESS THAN 100 GO TO INIT-TABLES.                   052574BW
00199  101110 READ-FALL.                                                   052574BW
00200  101120      READ FALL-MST INTO FWORK AT END GO TO COPY-SPRING.       052574BW
00201  101130      ON 1 PERFORM FIND-CAMPUS.                               052574BW
00202  101140      MOVE 1 TO FSW.                                          052574BW
00203  101150*     SWITCH IS SET TO INDICATE A RECORD IN MEMORY TO BE WRITTEN 052574BW
00204  101160*     IF END OF FILE IS SENSED ON THE SPRING MASTER FILE.     052574BW
00205  101170      PERFORM FALL-COUNT THRU EXIT-FALL-COUNT.                052574BW
00206  101180 READ-SPRING.
00207  101190      READ SPRING-MST INTO SWORK AT END GO TO COPY-SPRING.     052574BW
00208  101192      PERFORM SP-COUNT THRU EXIT-SP.                          052574BW
00209  101200      MOVE 1 TO SSW.
00210  102010 SSN-TEST.
00211  102020      IF FALL-SS LESS THAN SPRING-SS MOVE FPRIORITY TO PRI-WORK 052574BW
00212  102030           PERFORM UNDUP THRU EXIT-UNDUP
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00213  102040                PERFORM WRITE-FALL
00214  102050                    PERFORM READ-FALL GO TO SSN-TEST.
00215  102060          IF FALL-SS = SPRING-SS IF SPRI GREATER THAN FPRI
00216  102062              MOVE FPRIORITY TO PRI-WORK
00217  102064              PERFORM UNDUP THRU EXIT-UNDUP
00218  102066              WRITE UNDUPLICATED FROM FWORK
00219  102068              MOVE 0 TO FSW. SSW
00220  102070              GO TO READ-FALL
00221  102072          ELSE MOVE SPRIORITY TO PRI-WORK
00222  **U/I/M.            PERFORM UNDUP THRU EXIT-UNDUP
00223  102080              WRITE UNDUPLICATED FROM SWORK
00224  102082              MOVE 0 TO FSW. SSW
00225  102084              GO TO READ-FALL.
00226  102090          MOVE SPRIORITY TO PRI-WORK.
00227  102100          PERFORM UNDUP THRU EXIT-UNDUP.
00228  102110          WRITE UNDUPLICATED FROM SWORK.
00229  102115          GO TO READ-SPRING.
00230  102120 WRITE-FALL.
00231  102130          WRITE NON-CONTINUE FROM FWORK.
00232  102140          WRITE UNDUPLICATED FROM FWORK.
00233  102150 WRITE-EXIT.
00234  102160 FIND-CAMPUS.
00235  102170          IF FCAMPUS = 'A' MOVE 'AMERICAN RIVER ' TO HCAMPUS.
00236  102180          IF FCAMPUS = 'S' MOVE 'SACRAMENTO CITY' TO HCAMPUS.
00237  102190          IF FCAMPUS = 'C' MOVE 'COSUMNES RIVER ' TO HCAMPUS.
00238  103010 FALL-COUNT.
00239  103020          MOVE 1 TO X.
00240  103030 LOOK-AGAIN.
00241  103040          IF FCA = FCID (X) GO TO ADD-FCID.
00242  103050          IF FCID (X) = SPACES MOVE FCA TO FCID (X) GO TO ADD-FCID.
00243  103060          ADD 1 TO X GO TO LOOK-AGAIN.
00244  103070 ADD-FCID.
00245  103080          ADD 1 TO FCTR1 (X).
00246  103090          MOVE 1 TO X.
00247  103100 FIND-FUSOE.
00248  103110          IF FBA = FUSOE (X) GO TO ADD-FUSOE.
00249  103120          IF FUSOE (X) = SPACES MOVE FBA TO FUSOE (X) GO TO ADD-FUSOE.
00250  103130          ADD 1 TO X GO TO FIND-FUSOE.
00251  103140 ADD-FUSOE.
00252  103150          ADD 1 TO FCTR2 (X).
00253  103160          IF FPRI = 'E'          ADD 1 TO TCLASS4-FALL.
00254  103170          IF FPRI = 'D'          ADD 1 TO TCLASS3-FALL.
00255  103180          IF FPRI = 'C'          ADD 1 TO TCLASS2-FALL.
00256  103190          IF FPRI = 'B' OR 'A' ADD 1 TO TCLASS1-FALL.
00257  103200 EXIT-FALL-COUNT.
00258  103210          EXIT.
00259  104010 SP-COUNT.
00260  104020          MOVE 1 TO X.
00261  104030 LOOK-MORE.
00262  104040          IF SCA = SCID (X) GO TO ADD-SCID.
00263  104050          IF SCID (X) = SPACES MOVE SCA TO SCID (X) GO TO ADD-SCID.
00264  104060          ADD 1 TO X GO TO LOOK-MORE.
00265  104070 ADD-SCID.
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00266  104080      ADD 1 TO SCTR1 (X).
00267  104090      MOVE 1 TO X.
00268  104100 FIND-SUSOE.
00269  104110      IF SBA = SUSOE (X) GO TO ADD-SUSOE.
00270  104120      IF SUSOE (X) = SPACES MOVE SBA TO SUSOE (X) GO TO ADD-SUSOE.
00271  104130      ADD 1 TO X GO TO FIND-SUSOE.
00272  104140 ADD-SUSOE.
00273  104150      ADD 1 TO SCTR2 (X).
00274  104160      IF SPRI = 'E'          ADD 1 TO TCLASS4-SPR.
00275  104170      IF SPRI = 'D'          ADD 1 TO TCLASS3-SPR.
00276  104180      IF SPRI = 'C'          ADD 1 TO TCLASS2-SPR.
00277  104190      IF SPRI = 'A' OR 'B' ADD 1 TO TCLASS1-SPR.
00278  104200 EXIT-SP.
00279  104210      EXIT.
00280  105010 UNDUP.
00281  105020      MOVE 1 TO X.
00282  105030 LOOK-FOR-UNDUP.
00283  105040      IF WCA = TCID (X) GO TO ADD-TCID.
00284  105050      IF TCID (X) = SPACES MOVE WCA TO TCID (X) GO TO ADD-TCID.
00285  105060      ADD 1 TO X GO TO LOOK-FOR-UNDUP.
00286  105070 ADD-TCID.
00287  105080      ADD 1 TO TCTR1 (X).
00288  105090      MOVE 1 TO X.
00289  105100 FIND-TUSOE.
00290  105110      IF WBA = TUSOE (X) GO TO ADD-TUSOE.
00291  105120      IF TUSOE (X) = SPACES MOVE WBA TO TUSOE (X) GO TO ADD-TUSOE.
00292  105130      ADD 1 TO X GO TO FIND-TUSOE.
00293  105140 ADD-TUSOE.
00294  105150      ADD 1 TO TCTR2 (X).
00295  105160      IF WPRI = 'E'          ADD 1 TO TCLASS4.
00296  105170      IF WPRI = 'D'          ADD 1 TO TCLASS3.
00297  105180      IF WPRI = 'C'          ADD 1 TO TCLASS2.
00298  105190      IF WPRI = 'B' OR 'A' ADD 1 TO TCLASS1.
00299  105200 EXIT-UNDUP.
00300  105210      EXIT.
00301  106010 COPY-SPRING.
00302  106020      IF SSW = 1 NEXT SENTENCE ELSE GO TO READ-MORE-SPRING.
00303  106030 AA. MOVE SPRICRITY TO PRI-WORK.
00304  106040      PERFORM SP-COUNT THRU EXIT-SP.
00305  106050      PERFORM UNDUP THRU EXIT-UNDUP.
00306  106060      WRITE UNDUPLICATED FROM SWORK.
00307  106070 READ-MORE-SPRING.
00308  106080      READ SPRING-MST INTO SWORK AT END GO TO PRINT-TOTALS.
00309  106090      GO TO AA.
00310  106100 COPY-FALL.
00311  106110      IF FSW = 1 NEXT SENTENCE ELSE GO TO READ-MORE-FALL.
00312  106120 BB. MOVE FPRIORITY TO PRI-WORK.
00313  106130      PERFORM FALL-COUNT THRU EXIT-FALL-COUNT.
00314  106140      PERFORM UNDUP THRU EXIT-UNDUP.
00315  106150      PERFORM WRITE-FALL.
00316  106160 READ-MORE-FALL.
00317  106170      READ FALL-MST INTO FWORK AT END GO TO PRINT-TOTALS.
00318  106180      GO TO BB.
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C0319  106190 PRINT-TOTALS.
C0320  106200     MOVE 'FALL CENSUS WEEK' TO REPTHD1.
00321  107010     ADD 1 TO PAGE-CT.   MOVE PAGE-CT TO PAGE-NO.
C0322  107020 HDGS.
00323  107030     WRITE PRINT FROM H1 AFTER NEXT-PAGE.
00324  107040     WRITE PRINT FROM H2 AFTER 1.
C0325  107050     WRITE PRINT FROM H3 AFTER 1.
00326  107060     WRITE PRINT FROM H4 AFTER 1.
C0327  107070 PRINT-CLASS.
00328  107080     WRITE PRINT FROM H5 AFTER 1.
C0329  107090     MOVE TCLASS1-FALL TO PTOTCLASS. MOVE '1' TO PCLASS.
C0330  107100     PERFORM WRITE-D1.   ADD TCLASS1-FALL TO TFALL.
C0331  107110     MOVE TCLASS2-FALL TO PTOTCLASS. MOVE '2' TO PCLASS.
00332  107120     PERFORM WRITE-D1.   ADD TCLASS2-FALL TO TFALL.
C0333  107130     MOVE TCLASS3-FALL TO PTOTCLASS. MOVE '3' TO PCLASS.
C0334  107140     PERFORM WRITE-D1.   ADD TCLASS3-FALL TO TFALL.
00335  107150     MOVE TCLASS4-FALL TO PTOTCLASS. MOVE '4' TO PCLASS.
00336  107160     PERFORM WRITE-D1.   ADD TCLASS4-FALL TO TFALL.
C0337  107170     MOVE TFALL TO PTOTAL1.  MOVE 0 TO TFALL.
C0338  107180     WRITE PRINT FROM T1 AFTER 3.
00339  107190 XX. ADD 1 TO PAGE-CT. MOVE PAGE-CT TO PAGE-NO.
C0340  107200     PERFORM HDGS.
00341  108010     WRITE PRINT FROM H6 AFTER 2.
00342  108020 X1. DISPLAY ' '.
00343  108030 X2. MOVE 1 TO X. Y.
C0344  108040 CID1.
00345  108050     IF FCID (X) = SPACES MOVE SPACES TO PCIDNO.
00346  108060     IF FUSOE (Y) = SPACES MOVE SPACES TO USOE2. USOE4. PDECIMAL.
00347  108070     IF FCID (X) = SPACES AND FUSOE (Y) = SPACES GO TO CID-TOTS.
C0348  108080     MOVE FCID (X) TO PCIDNO.     MOVE FCTR1 (X) TO PTOTCID.
C0349  108090     MOVE FUSOE2 (Y) TO USOE2.    MOVE FCTR2 (Y) TO PTOTUSOE.
C0350  108100     MOVE FUSOE4 (Y) TO USOE4.    ADD FCTR1 (X) TO TOTAL-CID.
00351  108110     ADD FCTR2 (Y) TO TOTAL-USOE.
C0352  108120     WRITE PRINT FROM D2 AFTER 1.
00353  108130     ADD 1 TO LINE-CT.
00354  108140     IF LINE-CT . 52 PERFORM XX THRU X1 MOVE 0 TO LINE-CT.
00355  108150     ADD 1 TO X. Y.  GO TO CID1.
00356  108160 CID-TOTS.
C0357  108170     MOVE TOTAL-CID  TO PTOTAL2.
00358  108180     MOVE TOTAL-USOE TO PTOTAL3.
00359  108190     WRITE PRINT FROM T2 AFTER 2.
00360  108195     MOVE 0 TO TOTAL-CID. TOTAL-USOE.
C0361  108200 X3. MOVE 'SPRING CENSUS WEEK' TO REPTHD1.
C0362  108210     MOVE '.' TO PDECIMAL.
C0363  109010     PERFORM XX.
C0364  109020     WRITE PRINT FROM H5 AFTER 2.
00365  109030     DISPLAY ' '.
00366  109040 PRINT-CLASS2.
00367  109050     MOVE TCLASS1-SPR TO PTOTCLASS. MOVE '1' TO PCLASS.
00368  109060     PERFORM WRITE-D1.   ADD TCLASS1-SPR TO TFALL.
C0369  109070     MOVE TCLASS2-SPR TO PTOTCLASS. MOVE '2' TO PCLASS.
00370  109080     PERFORM WRITE-D1.   ADD TCLASS2-SPR TO TFALL.
00371  109090     MOVE TCLASS3-SPR TO PTOTCLASS. MOVE '3' TO PCLASS.
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00372   109100      PERFORM WRITE-D1.   ADD TCLASS3-SPR TO TFALL.
00373   109110      MOVE TCLASS4-SPR TO PTOTCLASS. MOVE '4' TO PCLASS.
00374   109120      PERFORM WRITE-D1.   ADD TCLASS4-SPR TO TFALL.
00375   109130      MOVE TFALL TO PTOTAL1.  MOVE 0 TO TFALL.
00376   109140      WRITE PRINT FROM T1 AFTER 3.
00377   109150      MOVE 0 TO LINE-CT.
00378   109160      PERFORM XX THRU X2.
00379   109170 CID2.
00380   109175      IF SUSOE (Y) = SPACES MOVE ' ' TO PDECIMAL.
00381   109180      IF SCID (X) = SPACES AND SUSOE (Y) = SPACES
00382   109190          PERFORM CID-TOTS GO TO CID2-EXIT.
00383   109200      MOVE SCID (X) TO PCIDNO.    MOVE SCTR1 (X) TO PTOTCID.
00384   110010      MOVE SUSOE2 (Y) TO USOE2.   ADD SCTR1 (X) TO TOTAL-CID.
00385   110020      MOVE SUSOE4 (Y) TO USOE4.   ADD SCTR2 (Y) TO TOTAL-USOE.
00386   110030      MOVE SCTR2 (Y) TO PTOTUSOE.
00387   110040      WRITE PRINT FROM D2 AFTER 1. ADD 1 TO LINE-CT.
00388   110050      IF LINE-CT . 52 PERFORM XX THRU X1 MOVE 0 TO LINE-CT.
00389   110060      ADD 1 TO X. Y.  GO TO CID2.
00390   110070 CID2-EXIT.
00391   110072      MOVE '.' TO PDECIMAL.
00392   110080      MOVE '  ACADEMIC YEAR    ' TO REPTHD1.
00393   110090      MOVE 'UNDUPLICATED COUNT' TO REPTHD2.
00394   110100      MOVE 0 TO LINE-CT.
00395   110110      PERFORM XX.
00396   110120      WRITE PRINT FROM H5 AFTER 2.
C0397   110130      DISPLAY ' '.
00398   110140 PRINT-CLASS3.
00399   110150      MOVE TCLASS1 TO PTOTCLASS.  MOVE '1' TO PCLASS.
00400   110160      PERFORM WRITE-D1.   ADD TCLASS1 TO TFALL.
00401   110170      MOVE TCLASS2 TO PTOTCLASS.  MOVE '2' TO PCLASS.
00402   110180      PERFORM WRITE-D1.   ADD TCLASS2 TO TFALL.
00403   110190      MOVE TCLASS3 TO PTOTCLASS.  MOVE '3' TO PCLASS.
00404   110200      PERFORM WRITE-D1.   ADD TCLASS3 TO TFALL.
00405   110210      MOVE TCLASS4 TO PTOTCLASS.  MOVE '4' TO PCLASS.
00406   110220      PERFORM WRITE-D1.   ADD TCLASS4 TO TFALL.
00407   111010      MOVE TFALL TO PTOTAL1.
00408   111020      WRITE PRINT FROM T1 AFTER 3.
00409   111030      PERFORM XX THRU X2.
00410   111040 CID3.
00411   111042      IF TUSOE (Y) = SPACES MOVE ' ' TO PDECIMAL.
00412   111050      IF TCID (X) = SPACES AND TUSOE (Y) = SPACES
00413   111051          PERFORM CID-TOTS
00414   111060          GO TO EOJ-RTN.
00415   111070      MOVE TCID (X) TO PCIDNO.    MOVE TCTR1 (X) TO PTOTCID.
00416   111080      MOVE TUSOE2 (Y) TO USOE2.   ADD TCTR1 (X) TO TOTAL-CID.
00417   111090      MOVE TUSOE4 (Y) TO USOE4.   ADD TCTR2 (Y) TO TOTAL-USOE.
00418   111100      MOVE TCTR2 (Y) TO PTOTUSOE.
00419   111110      WRITE PRINT FROM D2 AFTER 1. ADD 1 TO LINE-CT.
00420   111120      IF LINE-CT . 52 PERFORM XX THRU X1 MOVE 0 TO LINE-CT.
00421   111130      ADD 1 TO X. Y. GO TO CID3.
00422   111140 EOJ-RTN.
00423   111150      CLOSE FALL-MST SPRING-MST UNDUPLICATE NONCONTINU PRINTER.
00424   111160      STOP RUN.
```

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00425    112010 WRITE-D1.
00426    112020     WRITE PRINT FROM D1 AFTER 2.
00427    112030 WRITE-D1-EXIT.
```

LOS RIOS COMMUNITY COLLEGE DISTRICT

JOB NO. GW299.02 PROJECT SAM PAGE 1
REPORT GW299.02 FALL CENSUS WEEK DATE 07/25/74
CAMPUS AMERICAN RIVER

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CLASS	STUDENT COUNT
1	1,986
2	2,610
3	3,625
4	8,825
TOTAL	17,046

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CID	STUDENT COUNT	USOE	STUDENT COUNT
9999	12,035	99.9999	12,035
1305	197	09.0201	143
2005	124	07.9999	382
0538	187	14.0302	187
1501	97	09.0106	23
0502	961	14.9999	55
1302	95	14.0101	961
2103	165	09.0109	95
0506	517	01.0602	165
0921	48	14.0899	517
0133	38	17.0302	108
0703	29	01.0504	38
0530	67	14.0299	29
0511	449	04.0100	112
0953	38	04.1700	449
0933	122	17.1300	38
1203	68	16.0108	122
0602	45	16.9999	42
0704	61	07.0301	68
0410	165	14.0203	61
0934	49	17.1599	49
0937	70	17.2399	70
0504	113	14.0105	113
1244	30	07.0904	30
0533	29	04.0700	29
0536	13	04.2000	13
0935	26	16.0109	26
1601	72	14.0499	72
0109	107	01.0599	107
0947	60	01.0604	10
0107	10	17.0301	77
0946	77	17.2601	204
2133	204	19.0201	31
0403	65	17.2304	116
5340	116	14.0204	9
0705	9	16.0117	26
0730	26	09.0103	37
1303	37	16.0106	37
0908	37	17.2999	29
3002	29	14.0799	117
0514	117	07.0903	28
1245	28	17.2699	48
2198	48	16.0299	20
2098	28	01.0303	9
0116	20	16.0605	38
0103	9	17.9900	3
2105	38	14.0999	37
0999	3	17.2400	3
0540	37	14.0601	25
0938	3	14.9900	1
0835	25	16.0199	2
0799	1		

LOS RIOS COMMUNITY COLLEGE DISTRICT

J NO. GW299.02 PROJECT SAM PAGE 3
REPORT GW299.02 FALL CENSUS WEEK DATE 07/25/74
CAMPUS AMERICAN RIVER

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CID	STUDENT COUNT	USOE	STUDENT COUNT
TOTAL	17,046	TOTAL	17,046

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LOS RIOS COMMUNITY COLLEGE DISTRICT
PROJECT SAM
SPRING CENSUS WEEK

NO. GW299.02
REPORT GW299.02
CAMPUS AMERICAN RIVER

DATE 07/25/74

CID	STUDENT COUNT	USOE	STUDENT COUNT
CLASS	STUDENT COUNT		
1	2,003		
2	2,607		
3	3,352		
4	8,163		
TOTAL	16,125		

LOS RIOS COMMUNITY COLLEGE DISTRICT
PROJECT SAM
SPRING CENSUS WEEK

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CID	STUDENT COUNT	USOE	STUDENT COUNT
9999	11.515	99.9999	11.515
0938	3	17.2400	3
2105	61	16.0605	61
1601	58	14.0499	58
0502	506	14.0101	506
1501	110	14.9999	71
0511	413	04.1700	413
0953	44	17.1300	44
0506	517	14.0899	517
2005	140	07.9999	336
0933	141	16.0108	141
1203	78	07.0301	78
0109	120	01.0599	120
0915	26	16.0114	26
0937	78	17.2399	78
0410	135	17.1599	37
0934	37	14.0999	33
0540	33	16.0103	24
0230	24	14.0105	119
0504	119	09.0103	40
1303	40	01.0504	14
0133	14	17.0302	73
0947	73	16.9999	45
3002	35	17.2999	35
0935	109	16.0109	109
0538	175	14.0302	175
1245	52	07.0903	52
0946	75	17.0301	75
0931	39	16.0107	39
2133	310	17.2801	310
1302	103	09.0109	103
0704	49	14.0203	49
2103	131	01.0602	131
0514	164	14.0799	164
0705	33	14.0204	33
1305	165	09.0201	104
0403	61	04.0100	40
0530	17	01.0506	13
0134	13	14.0601	36
0602	23	19.0201	33
0835	36	16.0802	46
2134	46	14.0299	21
0703	21	14.9900	4
0599	4	17.2101	8
0943	8	01.0303	21
0103	21	09.0106	28
5340	57	17.2304	57
0957	6	01.0199	14
0101	14	07.0904	3
1244	3	16.0299	19
0116	19	17.2899	38
2198	38	01.0699	13

LOS RIOS COMMUNITY COLLEGE DISTRICT
PROJECT SAM
SPRING CENSUS WEEK

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CID	STUDENT COUNT	USOE	STUDENT COUNT
TOTAL	16.125	TOTAL	16.125

LOS RIOS COMMUNITY COLLEGE DISTRICT

NO. GW299.02 PROJECT SAM PAGE 7

REPORT GW299.02 ACADEMIC YEAR DATE 07/25/74

CAMPUS AMERICAN RIVER UNDUPLICATED COUNT

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CID	STUDENT COUNT	USOE	STUDENT COUNT

CLASS	STUDENT COUNT
1	3,242
2	4,023
3	5,420
4	10,160
TOTAL	22,845

LOS RIOS COMMUNITY COLLEGE DISTRICT

JOB NO. GW299.02 PROJECT SAM PAGE 8
REPORT GW299.02 ACADEMIC YEAR DATE 07/25/74
CAMPUS AMERICAN RIVER UNDUPLICATED COUNT

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CID	STUDENT COUNT	USOE	STUDENT COUNT
9999	15,339	99.9999	15,339
1305	299	09.0201	190
2005	232	07.9999	551
0538	301	14.0302	301
0938	4	09.0106	46
1501	176	17.2400	4
2105	86	14.9999	111
1302	157	16.0605	86
2103	226	09.0109	157
0506	811	01.0602	226
1601	103	14.0899	811
0502	1,108	14.0499	103
0511	675	14.0101	1,108
0133	32	04.1700	675
0703	49	01.0504	32
0530	73	14.0299	49
0953	59	04.0100	133
0933	177	17.1300	59
1203	111	16.0108	177
0109	197	16.9999	71
0602	60	07.0301	111
0915	26	01.0599	197
0937	119	16.0114	26
0704	95	17.2399	119
0410	204	14.0203	95
0934	52	17.1599	52
0540	52	14.0999	52
0230	24	16.0103	24
0921	23	17.0302	114
0504	196	14.0105	196
0533	28	04.0700	28
1303	64	09.0103	64
0947	91	17.2999	44
3002	44	16.0109	113
0935	113	07.0903	52
1245	52	17.0301	101
0946	101	01.0604	4
0107	4	16.0107	39
0931	39	17.2801	396
2133	396	19.0201	63
5340	123	17.2304	123
0705	27	14.0204	27
0514	241	14.0799	241
0730	21	16.0117	21
0403	89	01.0506	13
0134	13	16.0106	14
0908	14	14.0601	49
0835	49	16.0602	46
2134	46	14.9900	5
0599	4	17.2101	8
0943	8	01.0303	22

LOS RIOS COMMUNITY COLLEGE DISTRICT

NO. GW299.02 | PROJECT SAM | PAGE 9

REPORT GW299.02 | ACADEMIC YEAR | DATE 07/25/74

CAMPUS AMERICAN RIVER | UNDUPLICATED COUNT

BEST COPY AVAILABLE

CID	STUDENT COUNT	USOE	STUDENT COUNT
2198	78	04.2000	7
0536	7	16.0299	30
0957	6	01.0199	9
0116	30	01.0699	13
0101	9	17.9900	2
2098	26	16.0199	2
0115	13		
0999	2		
0799	1		
0299	2		
TOTAL	22.845	TOTAL	22.845

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